



# Technical Appendix 8.1: Peat Landslide Hazard and Risk Assessment

## Vale of Leven Wind Farm

### Vale of Leven Wind Farm Ltd

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## 1.0 Introduction

### 1.1 General

SLR Consulting Ltd (SLR) was commissioned by Vale of Leven Wind Farm Ltd to undertake a Peat Landslide Hazard and Risk Assessment (PLHRA) at the proposed Vale of Leven Wind Farm. The proposed wind farm development ('Proposed Development') is located approximately 2.5 km east of Bonhill with the larger settlements of Alexandria and Dumbarton located approximately 4km to the west and south-west of the Proposed Development.

It is anticipated that the development would comprise of 10 wind turbines with associated infrastructure including access tracks, crane hardstandings, turning heads, borrow pits, LiDAR Unit, substation and temporary construction compounds.

The purpose of this report is to consider the extent of peat and potential peat slide hazard at the Proposed Development and consider the potential impact to the Proposed Development, such that areas of deep peat and areas at high risk of a peat slide can be avoided during the design phase.

This report presents the findings of data obtained from peat depth probing surveys conducted by SLR Consulting in August 2022, November 2022, January 2023 and June 2023.

The work has been undertaken by a team of Geotechnical Engineers and Geologists, with over 10 years' experience in undertaking peat assessments. The team was led by a Chartered Hydrogeologist with 30 years' consultancy experience and specialising in the assessment of soils, geology and water for renewable power projects in Scotland.

The methods adopted for the assessment follow the best practice guidance<sup>1</sup> issued by the Scottish Government for investigation, assessment and reporting for windfarms in peat areas. Where relevant, reference is also made to guidance published by the Scottish Environment Protection Agency (SEPA) and wind farm construction good practice guidance.

### 1.2 Background

The importance of assessing the stability of peat deposits in relation to windfarm developments came to the fore as a result of peat failures during the construction of Derrybrien<sup>2</sup> Windfarm in Ireland in 2003. Although no fatalities were associated with these failures, there was a significant environmental impact. Windfarms tend to be constructed in high moorland areas which are associated with significant peat deposits (typically blanket bogs). There is a potential for peat instability to occur, particularly where deposits are in excess of 1 m thick. Peat instability is influenced by many factors, including, but not limited to, peat thickness, hill slope gradient, underlying geology and subsurface hydrology.

### 1.3 Scope and Objectives of the Report

The purpose of this report is to identify those parts of the Proposed Development that are naturally susceptible to a higher risk of instability so that they can be avoided or accommodated. It should be noted that all peat slopes have a risk of instability and the vast majority of peat slope failures occur naturally.

The peat stability assessment is primarily concerned with the influence of the peat on the Proposed Development. The main objective is to assess the potential peat stability at the

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<sup>1</sup>Peat Landslide Hazard and Risk Assessments (Scottish Government, April 2017)

<sup>2</sup> Lindsay, R.A. and Bragg, O., (2004), 'Windfarm and Blanket Peat, The Bog Slide of 16th October 2003 at Derrybrien, Co. Galway, Ireland'. University of East London



Proposed Development, identify areas of potential concern and identify mitigation measures to ensure the maintenance of peat stability before, during and after construction. All aspects of construction should be based on ensuring minimum disruption to the peat areas.

The objectives have been achieved by completion of the following:

- a desk based review of available reports which include geological, hydrological and topographical information;
- Phase 1 peat depth survey undertaken by SLR in August 2022;
- Phase 2 peat depth surveys, undertaken by SLR in November 2022, January 2023 and June 2023;
- geomorphological mapping of the Proposed Development to identify the prevailing conditions influencing the potential for, or any evidence of, active, incipient or relict peat instability, including identification of the location and photographic record, as appropriate;
- reporting on evidence of any active, incipient or relict peat instability, and the potential risk of future instability, describing the likely causes and contributory factors;
- identification of potential controls to be imposed on the Contractors for the Works to minimise the risk of peat instability occurring at the Proposed Development; and
- provide recommendations for further work or specific construction methodologies to suit the ground conditions at the Proposed Development to mitigate any unacceptable risk of potential peat instability.

Construction of the Proposed Development would only increase the risk of peat slope instability if good geotechnical construction practice is not followed. It is proposed that a Construction and Environmental Management Plan (CEMP) will be secured by pre-development condition of consent. The CEMP will include the recommendations of the PLHRA.

Without the guidance contained in the CEMP, the following factors would increase the risk of instability:

- construction of access tracks;
- excavation and stockpiling for foundations;
- construction of hardstanding area; and
- blocking of natural drainage, inappropriate new drainage or drainage discharge.

It is important to note that peat instability and the impacts of any instability are not constrained by artificial site or ownership boundaries but by topographic and geomorphologic boundaries. It is therefore important to ensure that the breadth of scope of any assessment adequately covers the areal extent of possible impact.

The risk assessment is based on ground models developed using a Geographical Information System (GIS) specifically for this Proposed Development. A numerical analysis was undertaken in which coefficients were allocated for each of the factors influencing peat stability and their impact on possible receptors.

The conceptual layout of the wind turbines and access routes, the findings from the peat probing, sampling and analysis were used by the design team to optimise the wind turbine layout to avoid or mitigate areas of unacceptable peat slide risk. The layout presented in Figures 8.1.1 and 8.1.2 represents the final iteration of the wind turbine layout.

This system outlined above was developed in accordance with the guidelines on PLHRA by the Scottish Government<sup>1</sup> for the investigation, assessment, and reporting for wind farms in



peat areas. The analysis and interpretation are based upon the results obtained from this process as well as previous experience and the results of case studies elsewhere. Where deviations from this guidance have occurred, this is highlighted and explained in the text.

## 1.4 Site Description

The Proposed Development is located approximately 2.5 km east of Bonhill, Vale of Leven, in the West Dunbartonshire Council area. The Proposed Development is located on predominantly upland moorland that is managed as farmland grazing. The location and layout of the Proposed Development are detailed on **Figure 8.1.1** and **Figure 8.1.2**.

Information and historic maps from the National Library of Scotland indicate that the Proposed Development has experienced limited changes over time. Using the OS One Inch 1843-1882 map, the Proposed Development Area previously generally consisted of open, undulating, undeveloped land. Several small farm developments are noted including Auchenreoch within the centre of the Proposed Development. On review of the OS One Inch 1955-1961, there were no major changes to the area or land use.

## 1.5 Proposed Development

The Proposed Development is likely to comprise 10 wind turbines, and associated infrastructure including:

- associated turbine foundations and transformers;
- hardstanding areas for erecting cranes at each turbine location;
- series of on-site access tracks connecting each turbine;
- underground cables linking the turbines to the grid connection;
- on-site substation;
- temporary construction compound(s);
- battery energy storage system (BESS);
- turning heads;
- LiDAR unit; and
- borrow pit(s).

Full details of the Proposed Development are provided in Chapter 2: Proposed Development of the EIA Report.

A selection of photographs from across the Proposed Development have been included below.



**Photo 1: View north towards T9 from NGR NS429787, showing slightly sloping grassland towards the north, taken on 22/06/2023.**





**Photo 2: View south towards main access from NGR NS429787, showing slightly sloping grassland towards the south, taken on 22/06/2023.**



**Photo 3: View northeast towards T4 from NGR NS442803, showing steeper sloping ground showing peatland, taken on 05/07/2023.**



## 2.0 Desk Based Review

### 2.1 Topography

Based on the digital terrain model available from the British Geological Society (BGS) Geoindex<sup>3</sup>, the topography on the Proposed Development consists largely of steep slopes to the west and higher lying plateaus to the east. The topography generally trends steeply from north to the south and west within the majority of the Proposed Development with the exception of the area around Turbine 10 and Turbine 07 which typically falls from the south east to the north west. The ground elevation is between 310 m AOD, between Turbines 7 and 10 in the south east, and 220 m AOD on the western boundary, in the vicinity of Turbine 8. The proposed main access road into the Proposed Development rises steeply from approximately 10 m AOD, on the A813 Stirling Road, to 240 m AOD at Turbine 9.

### 2.2 Geology

#### 2.2.1 Artificial Ground

The published BGS data indicates that made ground deposits are not present within the Proposed Development.

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<sup>3</sup> British Geological Society (BGS), Geoindex Onshore, Available online at: [https://mapapps2.bgs.ac.uk/geoindex/home.html?\\_ga](https://mapapps2.bgs.ac.uk/geoindex/home.html?_ga)



## 2.2.2 Superficial Geology

BGS mapping indicates that peat and till are the most prominent superficial deposits within the Proposed Development. Peat deposits are shown within the northern and eastern extent of the Proposed Development whilst glacial till deposits are found to the west and south. Parts of the Proposed Development are shown to be absent of any superficial deposits, particularly the areas which have steeper slopes. The hill tops locally, particularly Meikle White Hill and Pappert Hill are also shown not to have any superficial deposits. A small localised area of Alluvium is present to the north of Turbine 05.

**Figure 8.1.3** contained within this report details the superficial geology BGS mapping overlaid across the Proposed Development.

## 2.2.3 Bedrock Geology

The published BGS data indicates that the bedrock geology underlying the Proposed Development is predominantly comprised of three major formations: Kinnesswood Sandstone Formation, Stockiemuir Sandstone Formation and Ballagan Formation. The Kinnesswood Sandstone Formation bedrock covers a large proportion of the Proposed Development, but is particularly dominant in the centre and east, and some areas in the south. This bedrock is present in the subsurface where most of the turbines have been proposed. The Kinnesswood Sandstone Formation is Late Devonian and is comprised of thick sandstone bed units with carbonate (limestone or dolomite) nodular pedogenic horizons ('cornstone'), thin conglomerate beds, and occasional mudstone and calcareous mudstone beds. The Stockiemuir Sandstone Formation is present in the North of the Proposed Development. The Stockiemuir Formation is Late Devonian and is comprised of sandstones with sporadic mudstone clasts and quartz pebbles, overlain by sandstones with sporadic cornstones and quartz pebbles. The Ballagan Formation is present in the centre, south and south-west of the Proposed Development. The Formation is carboniferous in age and is comprised of mudstones and siltstones, with nodules and beds of ferroan dolomite (cementstones). Thin sandstones are present in many areas and thick localised sandstones.

There are multiple minor bedrock formations present beneath the Proposed Development. Firstly, Saughen Braes Lava Member is present in the South-East of the Proposed Development, covering part of Doughnot Hill and just North of Darnycaip. The unit is composed of around five flows of plagioclase-macrophyric basalt. The Burncrooks Volcaniclastic Member is present in the South-East of the Proposed Development, covering part of Doughnot Hill. The unit is composed of volcaniclastic sedimentary rock, some lacustrine sedimentary rocks, tuff and agglomerate. The Clyde Sandstone Formation is underlying areas on Doughnot Hill in the South-East of the Proposed Development and the unit is composed of Carboniferous sandstone, commonly pebbly with beds of red-brown or grey mudstone. The Clyde Plateau Agglomerate Subsuite is present in the centre and South-East of the Proposed Development area, with exposure at the peak of Meikle White Hill, Little White Hill and Doughnot Hill. The unit is composed of Lower Carboniferous Agglomerates. The Clyde Plateau Basaltic Subsuite is a very minor unit present and exposed in the South-East of the Proposed Development and the unit is composed of Lower Carboniferous basalt. Auchineden Lava Member is a very minor unit located in the South of the area, present just North of Darnycaip. There are two main dyke complexes present on the Proposed Development. Firstly, the Dinantian Basaltic Dykes are situated throughout the Proposed Development, predominantly in the centre and West of the Proposed Development, near Auchenreoch Muir, Murroch Glen. In addition, the Central Scotland Late Carboniferous Tholeiitic Basalt Dykes are located throughout the centre of the Proposed Development, near Pappert Hill and proposed turbines 8, 9 There are some linear features that pass beneath the Proposed Development. There are three large faults trending northeast to south west, each approximately 8km in length. In addition, there is a cluster of faults in the south of the Proposed Development, especially around Doughnot Hill.



**Figure 8.1.4** contained within this report details the bedrock geology BGS mapping overlaid across the Proposed Development.

## 2.3 Peatland Classification

The Scottish Government, Carbon and Peatland Map 2016<sup>4</sup> suggests that there is Class 1, 2 and 3 peat at the Proposed Development. The majority of the Proposed Development is covered by Class 3 peat with Class 1 and 2 restricted to the north and northwest. The mapping from the Carbon and Peatland Map 2016<sup>5</sup> is detailed on Figure 8.4 within Chapter 8: Geology, Hydrogeology, Hydrology and Peat.

## 2.4 Coal Mining

Following review of publicly available records, there is no history of coal mining within the area of the Proposed Development.

## 2.5 Quarrying

The BGS Geindex indicates that there were three historic quarries located within the Proposed Development. The Auchenreoch Muir Quarry is located in the centre adjacent to T8. The Finland Burn and Finland Burn Workings are located at the same location on the northern boundary of the Proposed Development.

## 2.6 Hydrology

The Proposed Development is located within three main surface water catchment areas; the Gallangad (Catter) Burn to the east, the River Leven to the west and the Gruddies Burn to the south.

The Gallangad Burn flows generally northwards to the east of the Proposed Development before discharging into the Endrick Water approximately 7 km north-east of the Proposed Development. Turbines 2, 3 and 4 lie in the headwater of this catchment.

The River Leven flows from Loch Lomond to the north-west of the Proposed Development and flows southwards approximately 700 m west of the Proposed Development, at its closest extent. The river discharges into the River Clyde approximately 3.1 km south-west of the Proposed Development. The Proposed Development is drained by two main sub-catchments of the River Leven, the Carrochan Burn which drains the north-western extent of the Proposed Development and the Murroch Burn which drains the western and central extent of the Proposed Development. Turbines 1, 5, 6, 7 and 8 lie within this catchment.

The southern extent of the Proposed Development is drained by tributaries of the Gruddies Burn, in particular Sprouts Burn which flows south-westwards before discharging into the Garshake Burn initially and then to the Gruddies Burn approximately 1.7 km south of the Proposed Development Access. The Gruddies Burn continues to flow south-westwards before discharging into the River Clyde approximately 3.1 km south of the Proposed Development. Turbines 9 and 10 as well as the access track, site compound, BESS and substation lie within this catchment.

## 2.7 Hydrogeology

The BGS Geindex shows that the solid geology underlying the Proposed Development is named as the Stratheden Group in the north and Inverclyde group in the south. The

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<sup>4</sup> Scottish Government, Carbon and Peatland Map 2016, Available online at: [map.environment.gov.scot/soil\\_maps/](http://map.environment.gov.scot/soil_maps/)

<sup>5</sup> Scottish Government, Carbon and Peatland Map 2016, Available online at: [map.environment.gov.scot/soil\\_maps/](http://map.environment.gov.scot/soil_maps/)

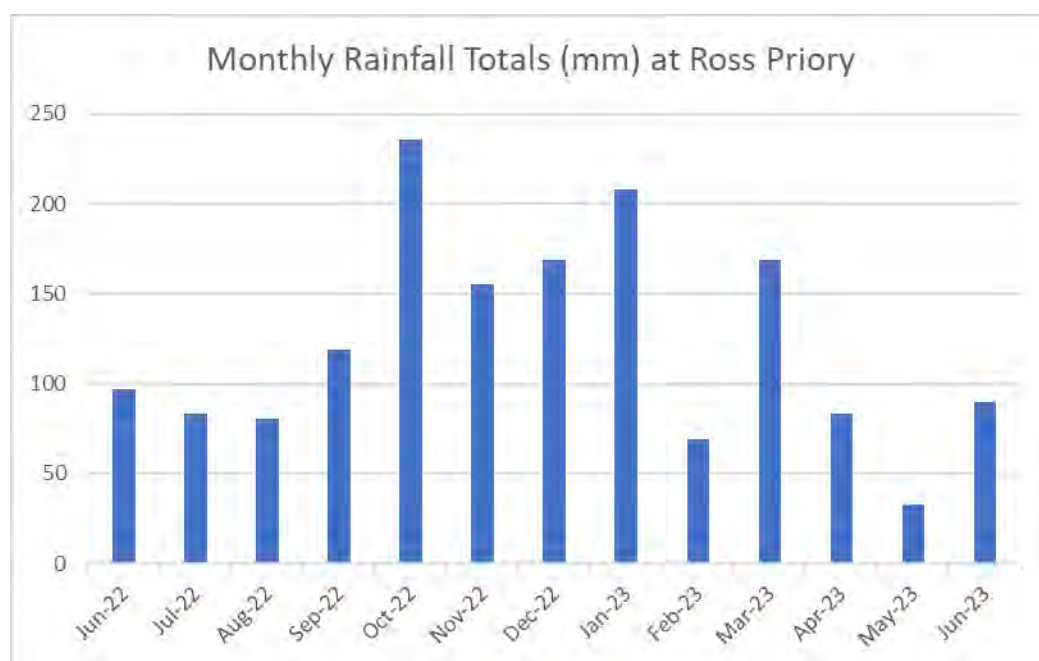




Stratheden Group is described as a moderately productive aquifer, consisting of sandstone, partly pebbly with subordinate siltstone and mudstone produce moderate amounts of groundwater. The Inverclyde Group is also described as a moderately productive aquifer, comprising multi-layered aquifer with fracture flow yielding up to 10 L/s.

## 2.8 Rainfall

Periods of intense heavy rainfall are often seen as triggers for instability events. Rainfall data from the closest SEPA weather station (Ross Priory Weather Station, Station Number 133124, approximately 7km north, NGR NS 40827 87363) shows the average monthly rainfall in the region from June 2022 until June 2023. The highest average monthly rainfall was 208 mm in January 2023.



## 2.9 Geomorphology

The Proposed Development is generally characterised by flat, higher-lying areas in the north and centre with local, minor variations in topography. The south of the Proposed Development is predominantly lower in elevation with a gradual slope descending to south. Deep valleys are located along the western edge of the Proposed Development. **Figure 8.1.5** details the relevant geomorphology features identified across the Proposed Development.

### 2.9.1 Aerial Photography Interpretation and Site Observations

Aerial photographs were used in conjunction with the DTM data for the Proposed Development to identify the major geomorphological features such as the breaks of slope and landslips. These were inspected where identified during site visits when more detailed assessment was undertaken.

Aerial photography using google earth was reviewed dating back to 1985 with images from 2002, 2005, 2009, 2010, 2011, 2012 and 2015 to 2023 also used. Interpretation of available aerial photographs was undertaken to assess and identify evidence of historic peat instability. The photographs were examined to highlight features of interest, such as:

- Possible extension and/or compression features.
- Areas of historic failure scars and debris.



- Evidence of peat creep.
- Areas with apparently poor drainage.
- Areas with concentrations of surface drainage networks.
- Steeply incised stream cuttings within peat deposits.
- Areas with peat drift recorded on steep slopes.

The main features are detailed below.

### **2.9.2 Peat Hags**

Peat hags were not observed across the Proposed Development during walkovers or aerial photography review..

### **2.9.3 Drainage Channels**

Drainage across the Proposed Development is characterised by a network of streams, rivers with some anthropogenic drainage typically present in the western area of the Proposed Development likely associated with former forestry. The large majority of natural drainage channels were located in the south and west of the Proposed Development. There is minimal evidence of other artificial drainage across the Proposed Development with more prevalent anthropogenic drainage observed outwith the Proposed Development boundary to the south east of Turbine 07.

### **2.9.4 Forestry**

A small area of ancient woodland is located within the Proposed Development located in the south along the proposed access track. Areas of forestry are located adjacent to the proposed Development with areas to the west and south considered likely to have been utilised for forestry.

### **2.9.5 Bedrock**

The OS mapping and aerial photography do not indicate exposed bedrock. Site visits noted sedimentary bedrock in the northeast of the Proposed Development adjacent to T1, as detailed on Figure 8.1.5.

### **2.9.6 Extension/Compression Features**

There was no evidence visible in the aerial photographs or site walkovers of any extension or compression features in the peat. It was not possible to identify evidence of any significant historic peat failures or slides on the Site of the Proposed Development from the aerial photographs.

## **3.0 Site Work**

### **3.1 Peat Surveys**

Peat depth surveys have been undertaken across a number of phases by SLR. The surveys carried out followed best practice guidance for developments on peatland<sup>6,7</sup>.

Phase 1 peat probing resulted in probing on a 100 m grid to allow for initial assessment of the Proposed Development which was used in preliminary site layout designs. Phase 2 probing

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<sup>6</sup> Scottish Renewables & SEPA (2012) 'Developments on Peatland Guidance on the Assessment of Peat Volumes, Reuse of Excavated Peat and the Minimisation of Waste'.

<sup>7</sup> Scottish Natural Heritage (SNH), SEPA, Scottish Government & James Hutton Institute. (2014) 'Peat Survey Guidance; Developments on Peatland: Site Surveys'.



saw detailed probing undertaken across the proposed layout, focussing on access tracks, turbine locations and other site infrastructure.

Peat is generally defined as an organic soil in excess of 0.5 m thick, if the soil is less than 0.5 m, then it is considered peaty soil. The peat was found to vary across the Proposed Development in terms of thickness and coverage.

Thin peat was classed as being 0.5 m to 1.5 m thick, with deposits in excess of this being classed as thick peat. The thickness ranges used were intended to reflect the probability of instability associated with both peat slides and bog slides.

The thickness of the peat was assessed using a graduated peat probe, approximately 6 mm diameter and capable of probing depths of up to 10 m. This was pushed vertically into the peat to refusal and the depth recorded, together with a unique location number and the co-ordinates from a handheld Global Positioning System instrument (GPS). The accuracy of the GPS was quoted as  $\pm 2$  m, which was considered sufficiently accurate for this survey. All data was uploaded into a GIS database for incorporation into various drawings and analysis assessments.

Where the peat probing met refusal on a hard substrate, the 'feel' of the refusal can provide an insight into the nature of the substrate. The following criteria were used to assess material:

- Solid and abrupt refusal – rock;
- Solid but less abrupt refusal with grinding or crunching sound – sand or gravel or weathered rock;
- Rapid and firm refusal – clay; or
- Gradual refusal – dense peat or soft clay.

An assessment of the substrate was made and recorded at each probe hole. For use within this assessment, engineering judgement has been used to assess the substrate at probes undertaken by other parties.

The relative stiffness of the peat was also assessed from the resistance to penetration of the probe and to the effort required to extract the probes (retrieval of the probe was often impossible for one person). In all instances refusal was met on obstructions allowing identification of subsurface geology.

## 3.2 Peat Depth

The results from all probing exercises listed above in Section 3.1 are detailed in the following sections and the peat depths identified on-site are shown in **Figure 8.1.6** and **Figure 8.1.7**. All probing data is provided in Annex A.

The peat was found to vary across the Proposed Development in terms of thickness and coverage. The slopes on-site are detailed in **Figure 8.1.8**. When viewed in conjunction with **Figure 8.1.6** and **Figure 8.1.7**, it is evident that the peat is generally limited to flatter lying topographic areas. There were localised areas of peat, defined by topography and undulating bedrock. Deeper peat was generally encountered in flatter, lower gradient areas of the Proposed Development.

A total of 2,372 peat probes were undertaken across all survey phases, with the results summarised in Table A below.



**Table A: Peat Probing Results**

Peat Thickness (m)	No. of Probes	Percentage (of total probes undertaken on-site)
0 (no peat)	44	1.9
0.01 – 0.49 (peaty soil)	1353	57.0
0.50 – 0.99	700	29.5
1.00 – 1.49	100	4.2
1.50 – 1.99	81	3.4
2.00 – 2.49	34	1.4
2.50 – 2.99	22	0.9
3.00 – 3.49	13	0.5
3.50 – 3.99	21	0.9
> 4.0	4	0.2

### 3.3 Peat Condition

Peat is described using BS5930 and the von Post<sup>11</sup> classification. Peat samples were collected by SLR in November 2022, using a peat auger and used to inform interpretations of the peat condition and underlying substrate.

Based on interpretations from probing and peat core samples, the peat within the Proposed Development is predominantly fibrous to pseudo fibrous. There are some localised deposits of shallow peat that generally comprise clayey layers, whilst areas of thicker peat are predominantly fibrous layers.

Based on field descriptions at augering points, most of the shallow peat would be classified as between H2 and H5 in the von Post classification, showing insignificant to moderate decomposition. Peat Core logs and photographs are presented within Annex B.





**Plate 3-1: Von Post Classification for Peat Humification**

von Post Classification for Peat Humification					
Degree of humification	Decomposition	Plant structure	Content of amorphous material	Material extruded on squeezing	Nature of residue
H <sub>1</sub>	None	Easily identified	None	Clear, colourless water	
H <sub>2</sub>	Insignificant	Easily identified	None	Yellowish water	
H <sub>3</sub>	Very slight	Still identifiable	Slight	Brown, muddy water, no peat	Not pasty
H <sub>4</sub>	Slight	Not easily identifiable	Some	Dark brown, muddy water, no peat	Somewhat pasty
H <sub>5</sub>	Moderate	Recognisable but vague	Considerable	Muddy water and some peat	Strongly pasty
H <sub>6</sub>	Moderately strong	Indistinct (more distinct after squeezing)	Considerable	About 1/2 peat squeezed out; water dark brown	
H <sub>7</sub>	Strong	Faintly recognisable	High	About 1/2 peat squeezed out; any water very dark brown	Fibres and roots more resistant to decomposition
H <sub>8</sub>	Very strong	Very indistinct	High	About 2/3 peat squeezed out; also some pasty water	
H <sub>9</sub>	Nearly complete	Almost unrecognisable		Nearly all the peat squeezed out as a uniform paste	
H <sub>10</sub>	Complete	Not discernible		All the peat passes between the fingers; no free water visible	

**3.4 Substrate**

Where possible, in the SLR investigation, an assessment of the substrate was made, as described previously. From the evidence of the probing and sampling where available, the substrate falls into one of two principal categories:

- Granular (sand and/or gravel/weathered rock), of glacial origin and occasionally interbedded with silty sands;
- Rock, no rock samples were recovered from the probe locations although where exposed, the rock is seen to be sedimentary rock; and
- Limited cohesive horizons were interpreted by the probing and encountered at the base of peat coring. However, it is likely that any cohesive material is weathered silty material at the top of the weathered glacial material.

**4.0 Peat Instability**

This section reviews the nature of peat and how current and past activities can influence stability. The factors which are likely to influence the potential for peat instability are:

- significant peat depths over impermeable bedrock or mineral soil;
- the presence of slope gradients greater than 2° (approximately) and general topography;
- natural drainage paths;
- evidence of past failures, including soil creep;
- drainage features at the base of slopes which could lead to undercutting;
- loss of vegetation cover;
- ground accelerations (i.e. blasting);
- loading/unloading of peat mass;



- forestry plantations and artificial drainage; and
- recent climate patterns.

It should be noted that peat instability is not a recent phenomenon and there is documentary evidence of peat landslides dating back over 500 years<sup>8</sup>. Many landslides that involve peat have no human interference that could be considered as a trigger and this should be borne in mind when considering the susceptibility of a site to potential instability.

## 4.1 Background Information Regarding Peat

Peat is found in extensive areas in the upland and lowland regions of the UK and is defined as the partly decomposed plant remains that have accumulated in-situ, rather than being deposited by sedimentation. When peat forming plants die, they do not decay completely as their remains become waterlogged due to regular rainfall. The effect of water logging is to exclude air and hence limit the degree of decomposition. Consequently, instead of decaying to carbon dioxide and water, the partially decomposed material is incorporated into the underlying material and the peat 'grows' in-situ.

Peat is characterised by low density, high moisture content, high compressibility and low shear strength, all of which are related to the degree of decomposition and hence residual plant fabric and structure. To some extent, it is this structure that affects the retention or expulsion of water in the system and differentiates one peat from another.

Lindsay<sup>9</sup> defined two main types of peat bog, raised bog and blanket bog, which are prevalent on the west coast of Europe along the Atlantic seaboard. In Britain, the dominant peatland is blanket bog which occurs on the gentle slopes of upland plateaux, ridges and benches and is predominantly supplied with water and nutrients in the form of precipitation. Blanket peat is usually considered to be hydrologically disconnected from the underlying mineral layer.

There are two distinct layers within a peat bog, the upper acrotelm and the lower catotelm. The acrotelm is the fibrous surface to the peat bog<sup>10</sup>, typically less than 0.5 m thick; which exists between the growing bog surface and the lowest position of the water table in dry summers. Below this are various stages of decomposition of the vegetation as it slowly becomes assimilated into the body of the peat.

For geotechnical purposes the degree of decomposition (humification) can be estimated in the field by applying the 'squeezing test' proposed by von Post and Grunland<sup>11</sup>. The humification value ranges from H1 (no decomposition) to H10 (highly decomposed). The extended system set out by Hobbs<sup>12</sup> provides a means of correlating the types of peat with their physical, chemical and structural properties.

The relative position of the water table within the peat controls the balance between accumulation and decomposition and therefore its stability, hence artificial adjustment of the water table by drainage requires careful consideration.

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<sup>8</sup> Smith, L.T., (Ed) (1910), 'The literary of John Leland in or (about the years 1535-1543.' Vol.5, Part IX. London: AF Bell and Sons.

<sup>9</sup> Lindsay, R.A., (1995), 'Bogs: The ecology, classification and conservation of Ombrotrophic Mires.' Scottish Natural Heritage, Perth.

<sup>10</sup> Ingram, H.A.P., (1978), 'Soil layers in mires: function and terminology'. Journal of Soil Science, 29, 224-227.

<sup>11</sup> Von Post, L. and Grunland, E., (1926), 'Sodra Sveriges torvillganger 1' Sveriges Geol. Unders. Avh., C335, 1-127.

<sup>12</sup> Hobbs, N.B., (1986), 'Mire morphology and the properties and behaviour of some British and foreign peats.' Quarterly Journal of Engineering Geology, London, 19, 7-80.



## 4.2 Peat Shear Strength

In geotechnical terms, the shear strength of a soil is the physical characteristic that provides stability and coherence to a body of soil. For mineral soils such as clays or sands, such strength is variously given by an inter-particle friction value and cohesion. Depending whether the mineral soil is predominantly cohesive (clay) or non-cohesive (sand) governs which of the components of strength control the behaviour of the soil.

For peat soils, where the major constituent is organic and there is likely to be little or no mineral component, the geotechnical definition of shear strength does not strictly apply. At present there is no real alternative method for defining the shear strength of peat, therefore the geotechnical definition is generally adopted, in the knowledge that it should be used with great caution.

As noted previously, the acrotelm or near surface peat comprises a tangle of fresh and slightly rotted roots and vegetable fibres. These roots and fibres impart a significant tensile shear strength capacity to the material which provides it with an enhanced load carrying capacity. The acrotelm is, in effect, a fibre reinforced soil.

In the more decomposed catotelm, the tensile shear strength is reduced as the roots and fibres become more rotted. However, the loss in strength due to decomposition is off-set to a limited degree, by a gain in strength due to the overburden pressure. In geotechnical engineering there is an established relationship for recently deposited soils, between the shear strength of a sample and the thickness of overburden above it.

Consequently, it is almost impossible to predict a shear strength profile in peat and attempts to measure the shear strength using normal geotechnical methods can be misleading. Typical values of shear strength from hand shear vanes would be in the range 10-60 kilopascal (kPa) although values over 100 kPa have been recorded in peat elsewhere. The higher strengths are almost certainly the influence of roots or other non-decomposed material. It is believed that the strength of peat should be quoted as a cohesion value as there are few, if any, discrete particles to give the material a significant frictional resistance. It should be noted, however, that any quotation of shear strength for peat should be treated with extreme caution.

## 4.3 Peat Mass Stability

The principal surface indicator of peat slide potential is cracking of the peat land surface and it is the identification of crack patterns in the field and the attendant causes of the cracking that is fundamental to a peat stability assessment.

Sites that have exhibited natural instability in the past are likely to be more susceptible to future instability during and following construction of a renewable energy development, therefore it is important to identify such instability as part of the Peat Stability Assessment.

### 4.3.1 Peat Stability – Factors to be Considered

There is considerable observational information relating to debris and peat flows although the actual mechanisms involved in peat instability are not fully understood. The main influences on slope stability are geological, geotechnical, geomorphic, hydrological, topographic, climatic, agricultural and human influences such as drainage and construction activity. Peat is affected to a degree by changes in any of the above list and it is vital to appreciate that changes to the existing equilibrium would affect the level of slope stability during construction and operation of the Development.

Some of the contributory factors to peat instability are summarised below:

- Agriculture and grazing have a substantial effect on peat areas and this can be compounded in areas that have been managed to improve grazing. Grazing compacts the peat surface reducing the rainwater infiltration and the additional nutrients change



the ecological balance of the original peat bog. Agricultural management can include surface drainage and periodic burning, both of which can leave the surface of the peat bare for a period of time resulting in temporary desiccation of the surface. Subsequent wetting of the peat and resumption of peat accumulation results in the former desiccated and possibly ash covered surface being incorporated into the body of the peat which introduces a weak discontinuity in the profile; this in turn becomes another unknown factor in the stability assessment.

- Forestry has a substantial effect on slope stability particularly in the early stages as the creation of a forest involves disruption of the natural equilibrium and drainage of the slopes and the installation of artificial drains by deep ploughing. The construction of access tracks further disrupts the drainage and concentrates groundwater flow into narrow, fast flowing erosive streams. The work by Winter et al <sup>13</sup> noted that forest tracks can act to retard or concentrate the down slope flow of water and thus aid its penetration into the slope below. Such a mechanism has been observed at a number of recent landslips that have affected the road network in Scotland.
- Natural Drainage – some of the precipitation falling onto a natural upland peat bog would be absorbed into the low permeability catotelm peat. However, most of the water would run-off as sheet flow through upper, high permeability acrotelm. Thus, the water is transmitted to the lower slopes in a reasonably controlled manner through a range of interconnections that operate at different scales and speed. Failure to understand this and to disrupt the transmission process for the groundwater could result in instability.
- Artificial Drainage - Where artificial drainage has been used to improve the quality of the grazing or to promote forestry it reduces the overall volume of water entering the bog and transfers this water to the edges more rapidly. This can result in ditches and streams becoming enlarged, causing increased erosion and a greater silt burden in the stream water.

#### 4.3.2 Types of Failure

The result of instability in peat is the down-slope mass movement of the material; there are a number of definitions of peat instability which are used to characterise the type of failure. A brief description is given below:

- Bog Bursts or Bog Flows – the emergence of a fluid form of well humified, amorphous peat from the surface of a bog, followed by the settling of the residual peat, in-situ <sup>14</sup>;
- Peat Slides – the failure of the peat at or below the peat/ substratum interface leading to translational sliding of detached blocks of surface vegetation together with the whole underlying peat stratum<sup>14</sup>; and
- Bog Slide – an intermediate form of instability where failure occurs on a surface within the peat mass with rafts of surface vegetation being carried by the movement of a mass of liquid peat.

#### 4.3.3 Bog Bursts

Accounts of bog bursts are generally associated with very wet climates or areas which have received storm rainfall events. Bog bursts can be associated with particularly wet peat landscapes; therefore, it is possible to identify broad regions of a higher susceptibility to these

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<sup>13</sup> Winter, M.R., Macgregor, F. and Shackman, L. (2005a), 'Scottish tracks networks landslide study' Trunk tracks: network management division, published report series. The Scottish Government.

<sup>14</sup> Dykes, A.P and Kirk, K.J., (2001), 'Initiation of a multiple peat slide on Cuilcagh Mountain, Northern Ireland.' Earth Surface Processes and Landforms, 26, 395-408.



failures. The constraints used to identify the areas of higher susceptibility to bog burst failure are given below:

- peat thickness in excess of 1.5 m with no upper limit;
- shallow gradients, generally within the range of 2 to 10°, peat thicker than 1.5 m is generally not observed on slopes steeper than 10°, also moisture content is generally reduced on steeper slopes due to drainage);
- ground which is annually waterlogged to within the upper 1 m below ground level, (the groundwater level may rise above this but rarely falls below)<sup>15</sup>;
- greater humification of the lower catotelm within the waterlogged ground; and
- lower surface tensile strength of the fibrous peat and vegetation.

The humified mass can be considered as analogous to a heavy liquid and the stability of this mass is maintained by the strength of the surface or acrotelm peat. Should the surface become weakened through erosion or desiccation or the construction of a surface drainage ditch for agricultural or forestry reasons or through turbarry (peat cutting), failure is made more likely.

#### **4.3.4 Peat Slides**

Peat slides tend to be translational failures with a defined shear surface at or close to the interface with the substrate.

The factors generally considered to influence susceptibility to peat slide failures are listed below:

- peat depth up to 3m;
- slope gradients between 5° and 15°;
- natural or artificial drainage cut into the surrounding peat landscape;
- greater humification of the lower catotelm within the waterlogged ground; and
- lower surface tensile strength of the fibrous peat and vegetation.

It is noted that some of the factors causing instability are common to both bog bursts and peat slides.

The peat – substrate interface is the primary zone of failure and is enhanced by elevated water content at this boundary and softening or weathering of the lower mineral surface. For this reason, any investigation or probing should try to distinguish the nature of the lower mineral substrate.

#### **4.3.5 Bog Slides**

A bog slide is a variation on a peat slide where part of the peat mass is subject to movement, usually on an internal layer of material, which may be more prone to movement, such as an interface between the acrotelmic and catotelmic layer.

#### **4.3.6 Natural Instability**

The stability of a peat mass is maintained by a complex interrelationship of many factors, some of which may not be immediately obvious. Key factors include sloping rock head and proximity to a water body. Rainfall often acts as the trigger after the slope has already been conditioned to fail by natural processes.

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<sup>15</sup> Crisp, D.T., Dawes, M. & Welch, D. (1964), 'A Pennine Peat Slide', The Geographical Journal, Vol 130, No4, pp519-524.



It should also be remembered that peat bogs are growing environments and that there would come a time, on sloping ground, where the forces causing instability, the weight of the bog, can no longer be resisted by the internal strength of the peat and its interface with the underlying mineral surface. At this point, failure would occur.

The weight of the peat bog or any soils mantling steep hill slopes would be increased during periods of very heavy rain and it is common to see landslips occurring following extreme rain events. This may be a concern for future developments where one of the predicted effects of global warming will be a greater frequency of extreme weather, intense storms being one element.

## 5.0 Slope Stability/Ground Conditions

The stability of slopes is dependent upon the shear strength of the soil to resist the disturbing forces due to the weight of the soil, the effects of the groundwater and other disturbing influencing forces.

The level of stability of a slope is normally assessed by reference to the factor of safety which is expressed, numerically, as the degree of confidence that exists, for a given set of conditions, against a particular failure mechanism occurring. It is commonly expressed as the ratio of the load or action which would cause failure against the actual load or actions likely to be applied during service. This is readily determined for some types of analysis (e.g. limit equilibrium slope stability analyses).

### 5.1 Shear Strength

The strength of the peat in the upper acrotelm is significantly influenced by the root and fibres that are abundant in this layer. There are many influences on the stability of the peat and observing or measuring high shear strength should not be used to assume a high degree of stability.

### 5.2 Stability Risk Assessment

It is apparent that the stability of peat is complex and the numerous inter-relationships that affect the stability are not fully understood.

A stability risk assessment was undertaken to evaluate the risk of instability occurring associated with the construction of the turbine bases and access tracks at the development.

## 6.0 Peat Landslide Hazard and Risk Assessment

A preliminary peat risk assessment has been undertaken for the Proposed Development. Following three phases of peat probing, a site visit by an experienced SLR geotechnical engineer, and appraisal of the data, the potential for a peat slide occurring at the Proposed Development was initially assessed as low, this was based on the fact that:

- although there are significant thicknesses of peat present on-site, the wind turbines and ancillary infrastructure has generally avoided the thickest areas of peat;
- no evidence of historical or current peat slide activity at the site; and
- conclusions of a detailed walkover and results from probing.

In areas where medium and high risk are identified, further assessment would be necessary.

To further quantify the initial assessment, analysis of the terrain at the Proposed Development utilising GIS has been undertaken to analyse slopes and gradients, as shown on **Figure 8.1.8**. The site specific slope data has been combined with site specific peat depth data and using





Scottish Government Guidance<sup>1</sup> for the assessment of the risk of instability in peat, an assessment of peat slide risk has been completed.

The method of risk and hazard assessment has been developed with reference to the Scottish Government Guidance<sup>1</sup>. Key factors which may have an effect on the stability of the peat deposits have been identified leading to an assessment of the RISK of instability. The potential impact of any instability, the HAZARD, was then considered for identified potential receptors. Scores were attributed to the key factors that have the greatest influence on peat stability. Risk scores were determined, which, when combined with an assessment of vulnerability of potential targets, were developed into an assessment of the hazard.

Table B sets out the relationship between the identified risk and the level of hazard for a receptor. In order to explain the relationship between risk and hazard, the following nomenclature has been adopted in Table B.

**Table B: Risk and Hazard**

Risk	Hazard
Negligible	Insignificant
Low	Significant
Medium	Substantial
High	Serious

This section outlines the approach taken and the scores allocated for various factors relevant to peat stability.

At this stage, the objective is to determine relationship between peat areas and the Proposed Development and to identify the mitigation that could be adopted and incorporated into the overall development plan to ensure that due cognisance is taken in this regard.

The level of slope is normally assessed by reference to the factor of safety which is expressed, numerically, as the degree of confidence that exists, for a given set of conditions, against a particular failure mechanism occurring. It is commonly expressed as the ratio of the load or action which would cause failure against the actual load or actions likely to be applied during service. This is readily determined for some types of analysis (e.g. limit equilibrium slope stability analyses). The following sections present a discussion of some of the issues relating to stability and risk assessment which are then considered in the context of the Proposed Development.

The stability of peat is a complex subject and there are numerous inter-relationships that affect the stability.

A quantitative assessment requires a numerical input and such an analysis cannot account for the unquantifiable input required for a comprehensive peat stability assessment. For this reason, a purely quantitative assessment should only be considered as a guide and a qualitative assessment of stability should be used to inform the final recommendations.

The characteristics of the peat failure phenomena have been incorporated in a stability risk assessment to evaluate the risk of instability occurring within the peat areas. The main factors controlling the stability of the peat mass are the surface gradients, the depth and condition of the peat at each location and the type of substrate.

The natural moisture content and undrained shear strength of the peat are important; however, it is generally accepted that where present, the peat would be saturated and have a very low strength. It is believed to be unrealistic to rely on specific values of shear strength to maintain stability when back analysis of failed slopes indicates that there is often a significant discrepancy between measured strength in peat and stability. Shear strength has been



assumed to be constant and worst case, throughout this assessment. It has also been assumed, as a worst case, that the groundwater level is coincident with the ground surface.

The key factors identified as being critical to stability and the development of a risk rating system is:

- Slope gradient;
- Peat thickness;
- Substrate type or condition; and
- Historic instability.

The risk scores are multiplied together to generate a risk rating which is a measure of the likelihood of peat instability.

## 6.1 Slope Gradients

The slope gradients were assessed by reference to the mapping and particularly the DTM which was used to generate a gradient map (**Figure 8.1.8**), from which the gradient at each probe location could be determined and input into the risk rating spread sheet (**Annex A**). The gradient quoted at each location was based on the average gradient over a 5 m grid. Significant effort has gone into reducing slopes along routes and at wind turbine bases and positioning infrastructure on flat areas, it is evident from the Slope Plan that the majority of the tracks close to turbines and at turbines are on areas with moderate gradients (<8°). Table C gives the coefficients applied to the categorised slope angles.

**Table C: Coefficients for Slope Gradients**

Slope Angle (°)	Slope Angle Coefficients
Slope <2°	1
2° ≤ Slope <4°	2
4° ≤ Slope <8°	4
8° ≤ Slope <12°	6
>12° Slope	8

Coefficients for slope gradient have been assigned to ensure the potential for both peat slides (gradients of 4-15°) and bog slides (gradients of 2-10°) are addressed.

Steeper slopes pose a greater risk of instability than shallow gradients. Therefore, a graduated gradient scale from 0° to >12° (the practical maximum gradient on which peat is commonly observed) has been applied.

## 6.2 Peat Thickness and Ground Conditions

The ground conditions were assessed by using peat depths recorded during peat probing. Thin peat was classed as being 0.5 m to 1.5 m thick, with deposits in excess of this being classed as thick. The thickness ranges used are intended to reflect the risk of instability associated with both peat slides and bog slides. Where the probing recorded peat less than 0.5 m thick, this has been considered to be an organic soil rather than peat. Table D gives the coefficients applied to the various ground conditions.

In addition to peat thickness, the presence of existing landslip debris or indicators of meta-stable conditions such as tension cracks or slumping in the peat suggest the material is likely to become even less stable should the existing ground conditions change. Where evidence of historical slips, collapses, creep or flows is seen, a separate coefficient has been applied.





**Table D: Coefficients for Peat Thickness and Ground Conditions**

Ground Conditions	Ground Condition Coefficients
Peaty or organic soil (<0.5 m)	1
Thin Peat (0.5 – 1.5 m)	2
Thick Peat (>1.5 m)	3*
Slips /collapses / creep / flows	8

\*Note that thicker peat generally occurs in areas of shallow gradients and records indicate that thick peat does not generally occur on the steeper gradients.

### 6.3 Substrate

As noted above, most failures in thin peat layers occur at the interface with the underlying substrate; the nature of the substrate has a very large influence on the probable level of stability.

Where sand and/or gravel (derived from glacial till) form the substrate, the effective strength of the interface can be considered to be good with comparatively high friction values. Under these conditions, failure is likely to occur in a zone within the peat, just above the interface. Further factors are necessary to cause a failure of this nature (increased pore pressures within the peat) and occurrence of such events is rare.

Where clay forms the interface, there is likely to be a significant zone of softening in the clay (due to saturation at low normal stresses, poor or non-existent vertical drainage and the effect of organic acids), resulting in either very low undrained shear strength or low effective shear strength parameters. The result is that potential shearing could occur either in the peat, on the interface or in the clay; all three possibilities have been documented in the past.

A rock substrate provides a high strength stratum, however, the rock surface can be smooth, and, depending on the dip orientation of the strata, it can provide a very weak interface. For these reasons, at this stage, a rock interface has been given the same risk rating as clay. Table E gives the coefficients applied to the various substrate descriptions.

**Table E: Coefficients for Substrate**

Substrate Conditions	Substrate Coefficients
Granular	1
Cohesive	2
Rock	2
Not proven	3
Slip material (Existing materials)	5

If the overall thickness of the peat had not been proven, the risk associated with the significant thickness and the unknown substrate would have been given a high rating to accommodate the unknown factors.

### 6.4 Risk Rating

The probability of a peat landslide rating coefficient (score) was derived by multiplying the coefficients for the four key factors (with historic instability as 1) identified in the above sections together to produce a risk rating which is a measure of the likelihood of peat instability, and this enables potential areas of concern to be highlighted.



For the stability risk assessment, the following Probability of a Peat Landslide classes were applied as shown in Table F.

**Table F: Probability of Peat Landslide**

Risk Rating Coefficient	Potential Stability Risk (Pre-Mitigation)	Action
<5	Negligible	No mitigation action required.
5 - <15	Low	As for negligible condition plus development of a site-specific construction and management plan for peat areas.
15 - <31	Medium	As for Low condition plus may require mitigation to improve site conditions.
31-50	High	Unacceptable level of risk, the area should be avoided. If unavoidable, detailed investigation and quantitative assessment required to determine stability and sensitivity to minor changes in strength and groundwater regime combined with long term monitoring.
>51	Very High	Unacceptable level of risk, the area should be avoided.

The rating system outlined above differs slightly from that proposed in the Scottish Government Guidance<sup>1</sup> as the system adopted here incorporates three inputs compared to two in the guidance, with the potential impact of substrate added in this section.

The table of results; included in **Annex A** shows that 2,372 probe locations were identified within the extent of the Digital Terrain Model, peat (>0.5 m) was present at 975 locations. The stability risk rating identified the following:

- Negligible risk at 1,712 (72%) probe locations;
- Low risk at 604 (25%) locations;
- Medium risk at 12 (1%) locations;
- High risk at 0 (0%) locations; and
- No peat was recorded at 44 locations (2%), hence no risk.
- **Figure 8.1.9** presents the interpreted risk of peat instability based on the multiplication of the risk coefficients discussed above in Table C to Table E.

## 6.5 Wind Turbines

- The peat stability risk rating for each proposed wind turbine is summarised in Table G.

**Table G: Stability Risk Rating at Each Wind Turbine**

Turbine No.	Peat Depth (m)	Substrate	Slope (°)	Stability Risk Rating	Acceptable Location
T1	0.7	Granular	3.6	Negligible	Yes
T2	0.6	Granular	4.6	Low	Yes
T3	0.4	Granular	5.4	Negligible	Yes
T4	0.8	Granular	3.6	Negligible	Yes
T5	0.1	Granular	6.0	Negligible	Yes



Turbine No.	Peat Depth (m)	Substrate	Slope (°)	Stability Risk Rating	Acceptable Location
T6	0.4	Granular	1.8	Negligible	Yes
T7	0.3	Granular	6.4	Negligible	Yes
T8	0.3	Granular	6.6	Negligible	Yes
T9	0.3	Granular	5.1	Negligible	Yes
T10	0.6	Granular	3.5	Negligible	Yes

The table of results shows that the following potential stability risks exist at the proposed turbines:

- Negligible risk at 9 locations;
- Low risk at 1 location; and
- No medium or high locations were identified.

## 6.6 Hardstandings

- The peat stability risk rating for each proposed hardstanding is summarised in Table H.

**Table H: Stability Risk Rating at Each Hardstanding**

Turbine Hardstanding No.	Peat Depth (m)	Substrate	Slope (°)	Stability Risk Rating	Acceptable Location
T1	0.6	Granular	2.8	Negligible	Yes
T2	0.4	Granular	5.2	Negligible	Yes
T3	0.3	Granular	4.2	Negligible	Yes
T4	0.6	Granular	3.3	Negligible	Yes
T5	0.5	Granular	3.2	Negligible	Yes
T6	0.5	Granular	2.9	Negligible	Yes
T7	0.5	Granular	7.2	Negligible	Yes
T8	0.4	Granular	5.8	Negligible	Yes
T9	0.4	Granular	4.4	Negligible	Yes
T10	0.9	Granular	3.1	Negligible	Yes

The table of results shows that the following potential stability risks exist at the proposed hardstandings:

- Negligible risk at 10 locations; and
- No low, medium or high locations were identified.

## 6.7 Access Tracks

The results show that the majority of locations along the proposed access track show a negligible or low potential stability risk, with some areas of medium and high risk. **Figure 8.1.9.1**, Peat Slide Risk shows that the following potential stability risks exist across the Proposed Development at probing locations along the areas of new access track. A detailed



geomorphological desk study has been undertaken and all the peat related features have been detailed in the aerial photography.

From Figure 8.1.9.1, the Proposed Development has been interrogated to identify significant medium risk sites along the route which may impact upon the Proposed Development. This includes along the track and where it is identified as a potential risk upgradient and downgradient of the infrastructure. In many instances these areas are very limited, and the risk can be addressed. Where the risk is medium, the assessment has been taken to the next level and a hazard assessment completed in Section 6.9.

## 6.8 Remaining Infrastructure

- The peat stability risk rating for each infrastructure element is summarised in Table I.

**Table I: Stability Risk Rating at Infrastructure**

Infrastructure Element	Peat Depth (m)	Substrate	Slope (°)	Stability Risk Rating	Acceptable Location
Proposed Construction Compound 1	0.5	Granular	2.1	Negligible	Yes
Proposed Construction Compound 2 (includes BESS)	0.2	Granular	6.6	Negligible	Yes
Proposed Substation	0.2	Granular	4.1	Negligible	Yes
Proposed Borrow Pit 1	0.3	Granular	3.9	Negligible	Yes
Proposed Borrow Pit 2	0.2	Granular	13.6	Low	Yes
Proposed Borrow Pit 3	0.2	Granular	14.4	Low	Yes

The table of results shows that the following potential stability risks exist at each infrastructure element:

- Negligible risk at 4 locations;
- Low risk at 2 locations; and
- No medium or high locations were identified.

## 6.9 Hazard Score Development

A further assessment of the limited medium and high risk locations identified has been undertaken. It should be noted that the impact assessment is primarily concerned with impacts that affect the environment, ecology, public or infrastructure associated with the development, both on-site and potentially off-site. These assessments do not consider the detailed ecological impact of construction induced peat instability; however, the majority of the sensitive on-site receptors are the watercourses and thus likely ecological and environmental impacts are identified and addressed. The proposed mitigation measures in Section 7.0 would limit the potential for any slope failures into water courses and drainage features hence avoid such impacts.

The effect a slope failure may have on the construction site and infrastructure can be relatively easily identified. However, the effect of an instability event on features impacted by an event not associated with the Proposed Development is harder to predict.

In order to address this effect, it is not considered appropriate to assess the effect at every potential receptor location close to the Proposed Development; but rather to assess the effect a particular infrastructure feature (track, wind turbine, substation, etc.) would have on the structures or features surrounding it. By adopting such an approach, the assessment of



infrastructure features where a risk ranking of ‘negligible’ or ‘low’ (assessed in the stability risk assessments described above) is discounted from further assessment.

## 6.10 Receptor Ranking

Now the infrastructure features with a ‘medium’ or higher risk rating for instability have been identified it is necessary to identify potential impact receptors. These are nearby structures or features that may be affected by peat movements caused during or following construction. Generally, only receptors immediately down gradient of the infrastructure feature could be affected by peat instability therefore the first phase of feature ranking requires topographic ridges and valleys to be identified across the Proposed Development and surrounding area. From this, receptors at risk from particular infrastructure features can be identified. However, should instability occur on a steep slope, there is the risk of the back scarp of the instability migrating up-slope, there-by affecting areas previously considered not to be at risk.

Following identification of receptors at risk, these are ranked according to their size and sensitivity. Table J presents the coefficients placed on particular receptor types.

At the Proposed Development, only watercourses have been identified as significant receptors potentially at risk from peat slides. Communities have been discounted due to distance from infrastructure, the impact therefore, should a slide occur is directly to watercourses.

**Table J: Coefficients for Impact Receptor Ranking**

Nature of Feature	Feature Coefficient
Non-critical infrastructure (minor/private roads, tracks)	1
Watercourses and critical infrastructure (pipelines, motorways, dwellings and business properties etc.)	3
Sub-Community (settlement 1-10 residents)	6
Community (settlement of >10 residents)	8

## 6.11 Receptor Proximity

The proximity of an impact receptor is also critical in assessing the likely level of disruption it may suffer following an instability event. Based on this, two further coefficients – distance from infrastructure feature and relative elevation differences between the infrastructure feature and impact receptor - are applied in deriving an impact ranking. Table K and Table L present the coefficients derived for distance and elevation of impact receptors.

**Table K: Coefficient for Impact Feature Distance**

Distance from Coefficient Feature	Distance Coefficient
> 1 km	1
100 m – <1 km	2
10 – <100 m	3
0 – <10 m	4



**Table L: Coefficient for Impact Feature Elevation**

Relative Elevation of Feature	Elevation Coefficient
0 -<10 m	1
10 – <50 m	2
50 – <100 m	3
> 100 m	4

## 6.12 Impact Rating

The impact rating coefficient (score) is derived by multiplying the receptor ranking coefficient (score) by the distance coefficient (score) and the elevation coefficient (score) for each impact receptor associated with a particular infrastructure feature.

Based on distance to impact receptors, in this instance we have identified watercourses (which are the most sensitive receptor near the Proposed Development). The other receptors have been discounted, either they are not present or distance to receptor mitigates risk. Watercourses are the principal receptor as they are at risk of not only direct impact from a peat slide but potentially the water course creates a pathway to impact other receptors indirectly, either ecological or potential water users downstream. Based on Table please can this section be revieconsidering the distance to the receptor and the relative elevation differences on-site of receptors, a potential impact can be derived.

## 6.13 Hazard Ranking

The Scottish Government Guidance<sup>1</sup> recommends that the hazard ranking is assessed using the following formula:

### 1. Hazard Ranking = Hazard x Exposure

SLR adopt the same principle in the following approach:

### 2. Hazard Ranking = Risk Rating x Impact Rating

In order to achieve a meaningful and manageable result from the hazard ranking, the results of the Risk Rating and Impact Rating have been normalised to a standard numerical scale (below).

**Table M: Rating Normalisation**

Risk Rating		Impact Rating	
Current Scale	Normalised Scale	Current Scale	Normalised Scale
Negligible <5	1	Very Low <10	1
Low 5 - <15	2	Low 11 - 20	2
Medium 15 - 30	3	High 21 - 30	3
High 31 - 50	4	Very High 31-50	4
Very High >51	5	Extremely High >51	5

The method of assessing probability of landslide, adverse consequence and hazard developed by SLR Consulting incorporates additional critical elements such as the substrate interface and coefficients for the receptor position, distance and elevation and as such is considered to adopt a more conservative approach than the assessment scheme proposed by the Scottish Government<sup>1</sup>. The ultimate Hazard Ranking scale does equate to the Scottish Government<sup>1</sup> scale, with hazard rankings divided over four zones.



A simple multiplication of these coefficients would result in potentially large and unwieldy risk and impact rating numbers. SLR has therefore opted to normalise these values to bring them in line with the values used in the Scottish Government Guidance<sup>1</sup>, as illustrated in Table N.

**Table N: Hazard Ranking**

Hazard Ranking	Hazard Ranking Zone	Action
1-4	Insignificant	No mitigation action required although slide management and monitoring shall be employed. Slide management shall include the development of a site specific construction plan for peat areas.
5 - 10	Significant	As for Insignificant condition plus further investigation to refine the assessment combined with detailed quantitative risk assessment to determine appropriate mitigation through relocation or re-design.
11 - 16	Substantial	Consideration of avoiding project development in these areas should be made unless hazard mitigation can be put in place without significant environmental effect.
17-25	Serious	Unacceptable level of hazard; development within the area should be avoided.

## 6.14 Results

The stability risk assessment has demonstrated that the majority of the Proposed Development lies within an area of negligible to low risk (99% of probe locations) with regards to stability based on **Figure 10.1.9**.

1% of probe location identified a medium risk of peat instability across the Proposed Development. Following review, the majority of these locations are not considered to have either a potential impact on the development infrastructure, due to locality, either well away from influencing infrastructure, in a down gradient position or have no impact on the local watercourses (receptors). Therefore 4 medium risk sites have been identified and are discussed in the following section.

The stability risk assessment results presented in Table O shows the calculated hazard ranking associated with every location where there is a stability risk of medium or above, at or close to infrastructure. The particular mitigation measures to reduce the risk of instability occurring are dependent upon location and the type of proposed structure. Proposed mitigation measures and actions already undertaken to reduce the risk of peat instability occurring are also identified in Table O, together with the associated, revised hazard ranking. A more detailed discussion of the possible mitigation measures is presented in Section 7.0.

## 6.15 Hazard Rated Locations

As noted in **Figure 10.1.9** and, where the risk assessment has identified a negligible or low risk of peat instability, no specific mitigation measures are necessary. However, in order to ensure best practise is employed, there would be a need for careful monitoring and the construction management must include careful design of both the permanent and temporary works appropriate for peat soils; these are discussed further in Section 7.0.

The areas of the infrastructure that were rated as medium or high risk, or above, were subjected to a hazard assessment; a number of areas were discounted as they were located





off the proposed access track and do not fall within influencing distance of any of the key proposed site infrastructure.

The procedure adopted was to review **Figure 10.1.9** and identify those areas with a medium risk or greater, that were in close proximity or influencing distance of any of the proposed infrastructure or watercourses. Those risk areas where there is no development would not affect the natural stability of the peat.

Although the potential hazards identified in Table O can be mitigated to 'insignificant' it is believed that hazards should be subject to further post consent investigation and on-going monitoring during construction. Further details of mitigation during construction are described in Section 7.0.

**Table O: Stability Hazard Ranking Assessment**

Location	Coordinates (E, N)	Risk Rating	Impact Rating	Hazard Ranking	Mitigation	Revised Hazard Ranking
1	243638, 679897	Medium	Low	Significant	Model impacted by localised areas of peaty soil (0.1 m) and very steep slope (21°) overlying granular soils along access track leading to BP1. Excavation of localised peaty soil prior to construction would reduce risk and mitigate peat landslide to the east.	Insignificant
2	243390, 679888	Medium	Low	Significant	Model impacted by localised areas of thin peat (0.6 m) and very steep slope (14°) overlying granular soils along access track leading to BP2. Excavation of localised peat deposits prior to construction would reduce risk and mitigate peat landslide to the north.	Insignificant
3	243916, 679461	Medium	Low	Significant	Model impacted by localised areas of thin peat (1.3 m) and moderate slope (8°) overlying granular soils along access track leading to Turbine 7. Excavation of localised peat deposits prior to construction would reduce risk and mitigate peat landslide to the north.	Insignificant
4	241335, 677768	Medium	Low	Significant	Model impacted by localised areas of peaty soil (0.1 m) and very steep slope (24°) overlying granular soils at BP1. Excavation of localised peaty soils would reduce risk and mitigate peat landslide to the west.	Insignificant





## 7.0 Construction Issues and Mitigation Measures

It has been shown that excavation, drainage and general construction activities can have a destabilising influence on peat and that design should allow for the delicate and susceptible condition of the peat. There is no evidence for past peat instability on-site, however appropriate good practice measures and mitigation should be employed to minimise the risk of adverse effects on peat and hydrological receptors.

The following sections highlight the construction issues that should be considered for each general area of construction. Many of the issues raised would be incorporated into the site specific CEMP and construction method statement for the Proposed Development.

The following is a list of controls that should be considered for incorporation into the development of construction methodologies for the works in all areas of peat during detailed design stage:

- Appropriately experienced and qualified engineering geologist/geotechnical engineer is appointed during the construction phase, to provide advice during the setting out, micro-siting and construction phases of the works;
- Geotechnical Risk Register is developed and maintained by the appointed geotechnical engineer;
- A minimisation of “undercutting” of peat slopes, but where this cannot be avoided, a more detailed assessment of the area of concern by the geotechnical engineer would be required;
- Careful micro-siting of wind turbine bases, crane hardstandings and access track alignments to minimise effects on the prevailing hydrology;
- Although the risk of a peat slide is considered to be low for the majority of the development, it is recommended that methodologies should be developed as a contingency to minimise the effects to watercourses in the unlikely event of peat instability; and
- Use of floating track across extensive areas of deep peat if site specific conditions allow.

Notwithstanding any of the above comments, detailed design and construction practices would need to consider the particular ground conditions and the specific works at each location throughout the construction period.

The following list of mitigation measures is provided in an attempt to minimise the risk of potentially inducing peat landslides during construction of the Development.

### 7.1 General

The following list of mitigation measures is provided in an attempt to minimise the risk of potentially inducing peat landslides during construction of the development;

- raise Health and Safety awareness of the peat environment at the proposed Development for construction staff by incorporating the issue into the site Induction. Include peat slide risk assessment information (e.g. peat instability indicators, best practice and emergency procedures) in toolbox talks with relevant operatives e.g. plant drivers;
- introduce a ‘Peat Hazard Emergency Plan’ to provide instructions for site staff in the event of a peat slide or discovery of peat instability indicators;



- introduce a Geotechnical Risk Register to be maintained during the construction phase;
- introduce a wet weather protocol and ensure it is followed during extreme weather conditions;
- for sections of track that require track side cuttings into peat, suitable support measures would need to be designed to maintain the stability of the adjacent peat terrain;
- refine/optimize the design through the pre-construction phase following completion of a detailed ground investigation; and
- develop methodologies to ensure that accelerated degradation and erosion of exposed peat deposits does not occur as the break-up of the peat top mat has significant implications for the morphology, and thus hydrology, of the peat (e.g. minimise off-track plant movements within areas of peat).

## 7.2 Drainage Measures

Drainage design for the Development is a critical mitigation measure in maintaining the hydrological conditions. In order to maintain hydrological conditions, the following requirements of the drainage measures should be met;

- development of drainage systems that would not create areas of concentrated flow or cause over, or under, saturation of peat habitats;
- development of robust drainage systems that would require minimal maintenance;
- a robust design of drainage systems and associated measures (i.e. silt traps, etc.) to minimise sedimentation into natural watercourses. Method statements should be prepared in advance to mitigate against a slide occurring and should include, but not be limited to, the use of check dams and erosion protection to limit flows and prevent contamination of watercourses; and
- measures shall be put in place to ensure drainage systems are well maintained, to include the identification and demarcation of zones of sensitive drainage or hydrology in areas of construction, e.g. inclusion of maintenance regimes for drainage systems into a construction management plan or similar.

## 7.3 Construction Recommendations

A summary of recommendations for site specific infrastructure is provided in the following sections.

The complexity of peat stability has been discussed in this report and by Lindsay and Bragg<sup>2</sup>, amongst others. Following a review of published work and the observation and analysis undertaken for the development, there would be a negligible hazard from peat instability if the recommendations contained in this report are adopted.

Suitable guidance and documentation in the form of a construction method statement/CEMP would be established before work commences to ensure good construction practices. Due to the complex inter-reactions affecting peat stability it is proposed that the recommendations given below are used as a set of guidelines to generate a detailed design concept. The concept should include the range of potential risks discussed in this report and the design should be sufficiently flexible to allow for continual modification and up-dating as construction progresses.



## 7.4 Wind Turbine Locations and Crane Pads

It is proposed that construction of the wind turbine foundations will require excavation of peat and subsoil to create a suitable area for the foundation of the base.

In general, the bearing stresses imposed by a wind turbine are relatively low and the main requirement of the base is to resist the overturning moments generated by the wind acting on the turbine. Gravity base foundations are designed to control bearing pressures to a level appropriate to the local ground conditions and provide stability against turbine loading.

The excavations for wind turbine bases and crane pads should be kept to a minimum where possible but it is likely that the required hard stratum would be typically several metres deep, beneath soft materials (peat), unless directly on rock. The very soft nature of peat means that unsupported cut or excavated slopes could be unstable unless shallow gradients are used. The overall width of such an excavation would be around 33 m diameter at the original ground surface, depending on the thickness of the peaty soil/peat and glacial till and appropriate methods of stabilising the temporary slopes should be considered. Foundation excavation would produce large volumes of peat and this should be reused across the Proposed Development in an environmentally acceptable manner for restoration. Peat would not be used to back fill the excavation void within the footprint of the foundation as it would have a very low strength. Peat could be used as backfill outside the foundation footprint and also to dress verges to tracks and around wind turbine bases, in line with current Waste Management guidance<sup>16</sup> and the Peat Management Plan provided in Technical Appendix 8.2.

Management of the water in the peat, by maintaining existing drainage during excavation is essential to avoid creating conditions likely to increase the risk of a peat slide.

## 7.5 Borrow Pits

The proposed borrow pits would be required to comply with appropriate construction and quarrying regulations. They have been deliberately sited to avoid excavating peat and no significant construction mitigation would be required. Should blasting of rock be required during excavation, it is not likely to increase the likelihood of a peat slide as the borrow pits have been proposed in locations with limited peat. For further details on proposed borrow pits, refer to Technical Appendix 8.4: Borrow Pit Appraisal.

## 7.6 Access Tracks

The general principles regarding the construction of the access tracks in peat that minimises the risk of instability and environmental effects are discussed below.

In order to maintain the current level or improve the stability of the peat mass on the slopes around the access track, it is necessary to ensure that the construction methods do not seriously disrupt the established drainage and that no areas are surcharged, either by water discharge or spoil.

Wherever possible, the following principles should be adopted:

- maintenance of existing drainage is critical, therefore all existing drainage tracks must be maintained and where necessary, channelled below the proposed track construction. Upslope side drainage ditches to the track would be required on side-long ground; the ditches should be constructed with small dams and cross drains where necessary so that water can pass below the track at regular intervals;

---

<sup>16</sup> Scottish Renewables and SEPA (2012). Developments on Peatland: Guidance on the Assessment of Peat Volumes, Reuse of Excavated Peat and the Minimisation of Waste.



- scour and erosion is avoided in the side ditches due the limited volume and velocity, concentrated discharges to the peat on the down slope side of the track are avoided;
- the camber of the track should encourage surface water to drain to the up-slope side drainage ditch;
- track gradients to be maintained at the recommended gradients from the wind turbine supplier, typically shallower than 1 v : 8 h to facilitate access by the large specialist vehicles for both construction and transport of the wind turbine components. The maximum acceptable gradients are usually defined by the appointed wind turbine manufacturer.
- identify and mark all existing drainage features within the access track corridors; these drainage features should be maintained (not enhanced) during the construction and operational phases of the development;
- install cross drains at regular intervals to maintain interstitial groundwater flow through the peat mass below the tracks where track settlement could reduce the natural permeability;
- install additional drainage in areas up-slope to any track to prevent ponding and possible instability;
- install small dams at regular intervals along the track side drains to prevent significant water velocities in the side drains causing deep erosion in the peat;
- where track construction is required over extensive peat areas in excess of 1 m deep, this may be undertaken with a floating track construction, where the integrity of the peat allows; and
- cut and fill should be avoided in peat greater than 1 m deep if possible; if not, the following requirements on side long ground (across contours) should be adopted:
  - excavate to a sound stratum;
  - the majority of construction surface's to be essentially horizontal with a slight fall to aid drainage;
  - where the depth of cut is deemed unstable, employ a stepped or benched surface with the intention of minimising the exposed surface of the up-slope cut face;
  - protect all exposed peat surfaces from erosion and desiccation, by ensuring the integrity and moisture content of the peat is maintained; and
  - the top of cut slopes should be provided with a small bund to retain the peat to prevent desiccation and maintain the local stability of the peat.

## 7.7 Cable Routes

The general principles regarding the construction of the cable trenches in peat that minimises the risk of instability and environmental effects are discussed below.

In order to maintain the current level or improve the stability of the peat mass on the slopes around the cable route, it is necessary to ensure that the construction methods do not seriously disrupt the established drainage and that no areas are surcharged, either by water discharge or spoil.

The construction of the cable route would minimise disturbance to drainage by taking the cable route alongside existing access track and around the wind turbines adjacent to new tracks. Cable trenches would be reinstated as soon as possible to minimise the time they are left open and to avoid trenches acting as conduits for surface water, causing erosion and potential silt run off.



Mitigation may be required within the trench to maintain local hydrological conditions and hydraulic connection in sensitive habitats. This may include clay plugs/ peat bunds to prevent the trenches from becoming a preferential flow path for water flows.

## **7.8 Watercourses Crossing**

The access tracks will cross existing watercourses at a number of locations and care would be required to ensure conformity in the settlement characteristics between the crossing structure and the approaches to avoid undue settlement. The preferred option for the stream crossings will be with the use of culverts and bridges. The larger watercourse crossings will not be influenced by peat. Watercourse crossing designs will be subject to the approval of SEPA.

## **7.9 Substation**

The position of the substation compound is located on areas of thin peat on relatively flat ground and will require minimal construction management.

## **7.10 Construction Compound**

The temporary construction compounds are located on areas of thin peat on relatively flat ground and will require minimal construction management.



## 8.0 Conclusion

The report has highlighted the complicated inter-relationship between all the aspects that have an effect on the stability of peat. Consequently, the discussion has also addressed areas of construction and drainage in order to avoid a stability problem. The Proposed Development has been assessed for potential hazards associated with peat instability; the assessment has been based on:

- A walk-over survey by an experienced geologist;
- A thorough inspection of the digital terrain map;
- Review of historical and geological maps and publications and aerial photography; and
- A detailed geotechnical probing exercise at 2,372 locations in areas of identified peaty soil/peat to determine the thickness thereof.

The overall conclusion regarding peat stability is that there are minimal areas of medium risk of peat instability across the Proposed Development and most have these have been avoided during the design process. For the four medium risk areas, a hazard impact assessment was completed which concluded that, with the employment of appropriate mitigation measures, all of the areas can be considered as an insignificant risk.

Additional mitigation measures have been identified in areas where hazards are already considered insignificant to further reduce the risk of potential hazards occurring.

The entire site can be considered to have localised areas of thick peat which have been avoided through layout design.

This report should be considered as the first stage in the development of a fundamental understanding of the various inter-relationships that govern and control the peat lands at the proposed development.

The commissioned assessment has purposefully kept the extent of physical intrusion into the sensitive peat areas to an absolute minimum. The results are considered appropriate for the planning application.

Good construction methods and appropriate micro-siting would also be effective at controlling residual peat landslide risk for lower risk locations at the Site. Providing that the recommended mitigation measures are put in place and adhered to, the risk of peat landslide as a result of the Proposed Development is not significant.

More detailed ground investigations will be required to facilitate the geotechnical design of the various foundations and access track, particularly the vertical and horizontal alignment and the design of the river/stream crossings. These will be incorporated into the Construction Method Statement which will be submitted to the Planning Authority for approval as part of the condition compliance prior to any site works commencing.

It is not the purpose of this report to provide a detailed scope for the investigation; however, it is believed that strength and stiffness parameters should be provided for turbine design and regular probes along access tracks to determine bearing capacity for either excavated or floated track design should also be provided.





# Annex A      Figures

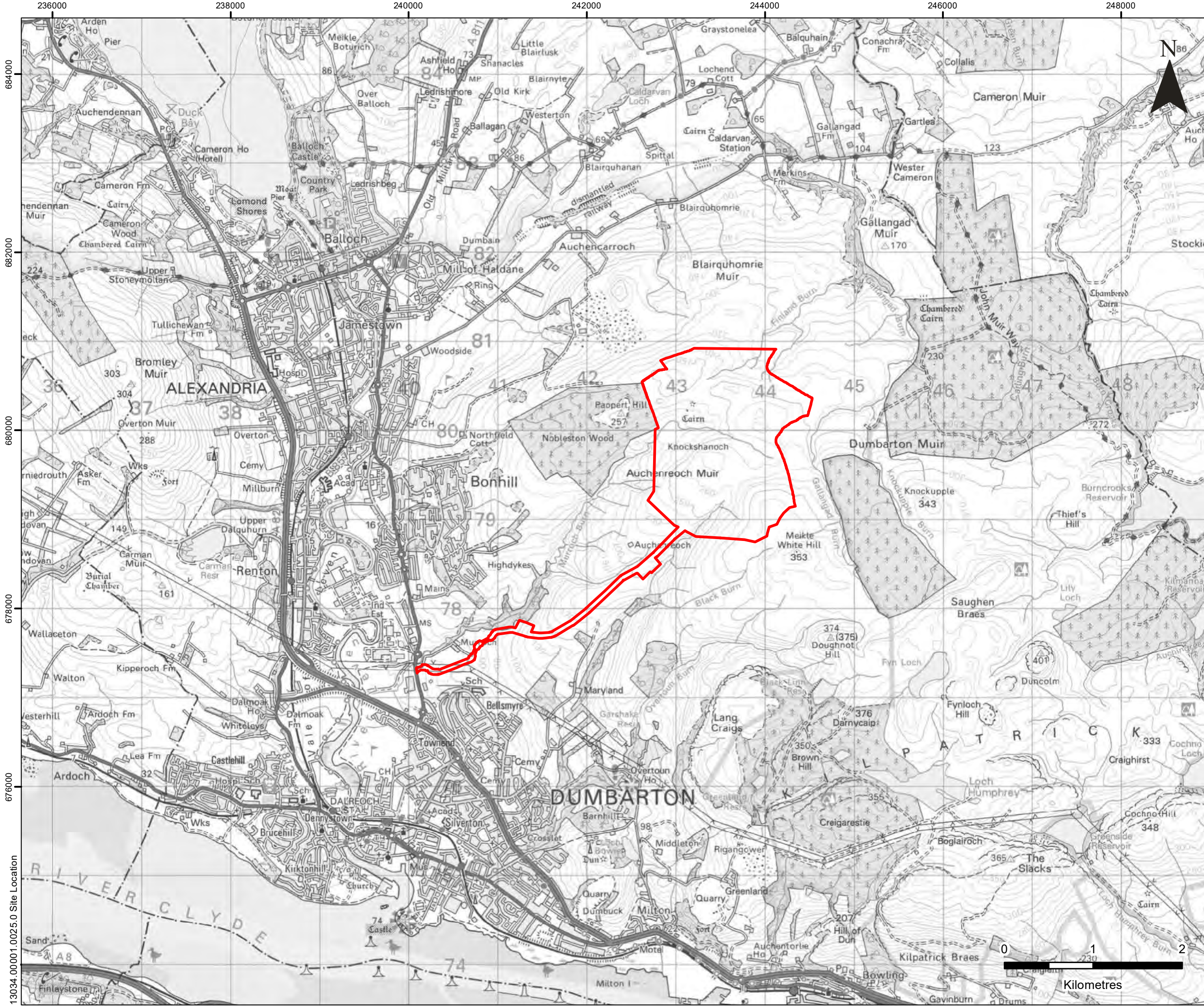
## **Technical Appendix 8.1: Peat Landslide Hazard and Risk Assessment**

**Vale of Leven Wind Farm**


**Vale of Leven Wind Farm Ltd**

SLR Project No.: 405.13034.00001





**LEGEND**

 Application Boundary



**VALE OF LEVEN WIND FARM**

 **SLR**

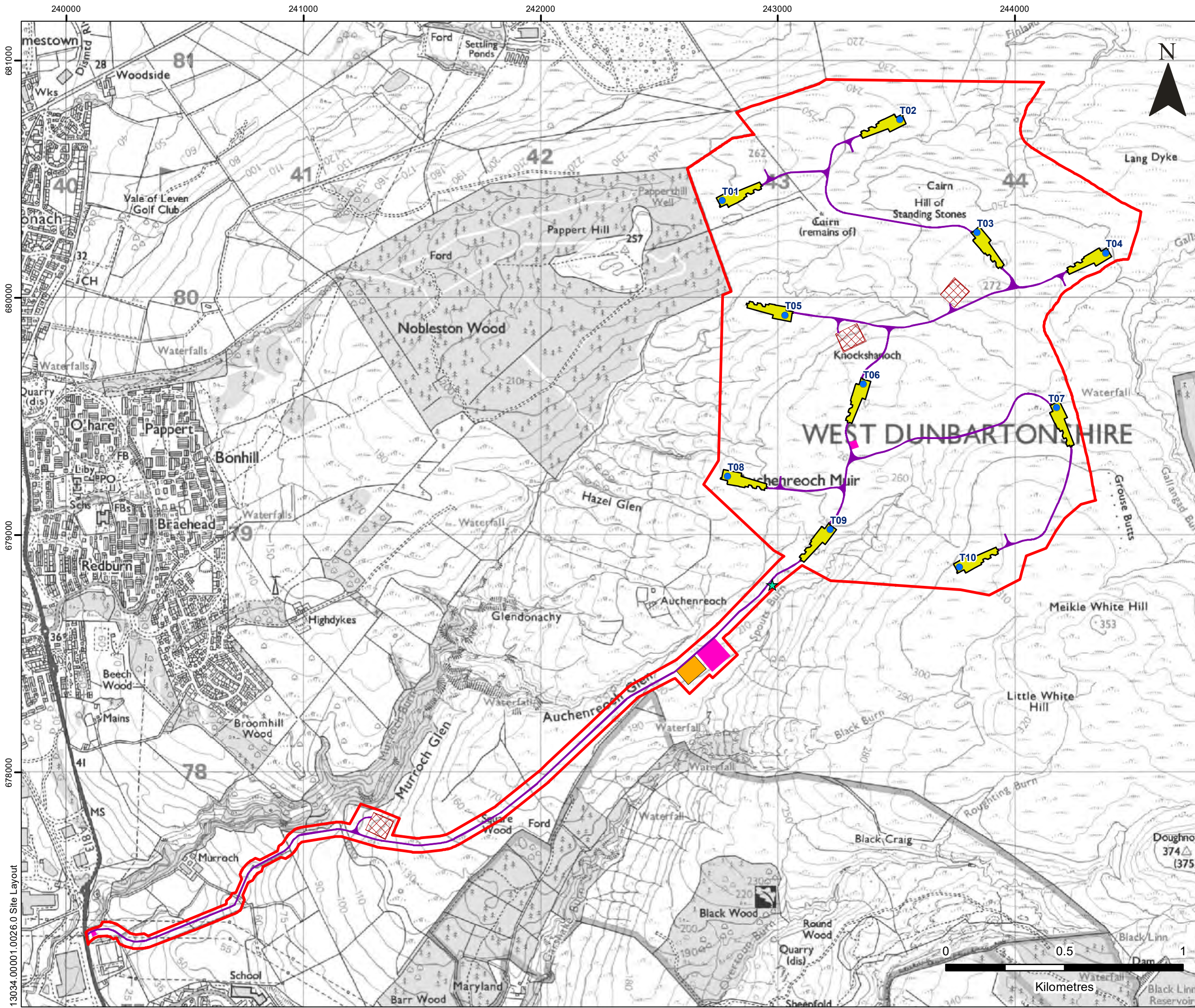
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**VALE OF LEVEN WIND FARM  
PEAT STABILITY ASSESSMENT  
(PLHRA)  
SITE LOCATION  
FIGURE 8.1.1**

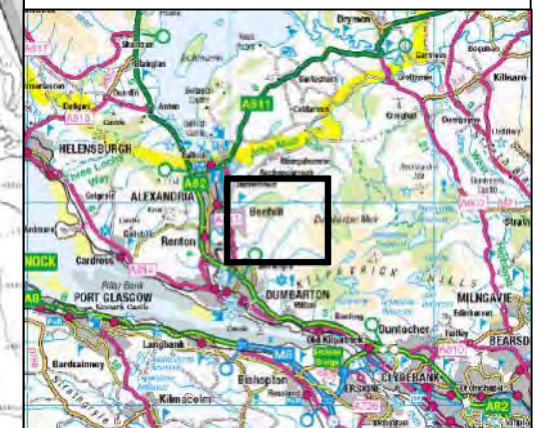
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**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location



**VALE OF LEVEN WIND FARM**

**PEAT STABILITY ASSESSMENT (PLHRA)**

**SITE LAYOUT**

**FIGURE 8.1.2**

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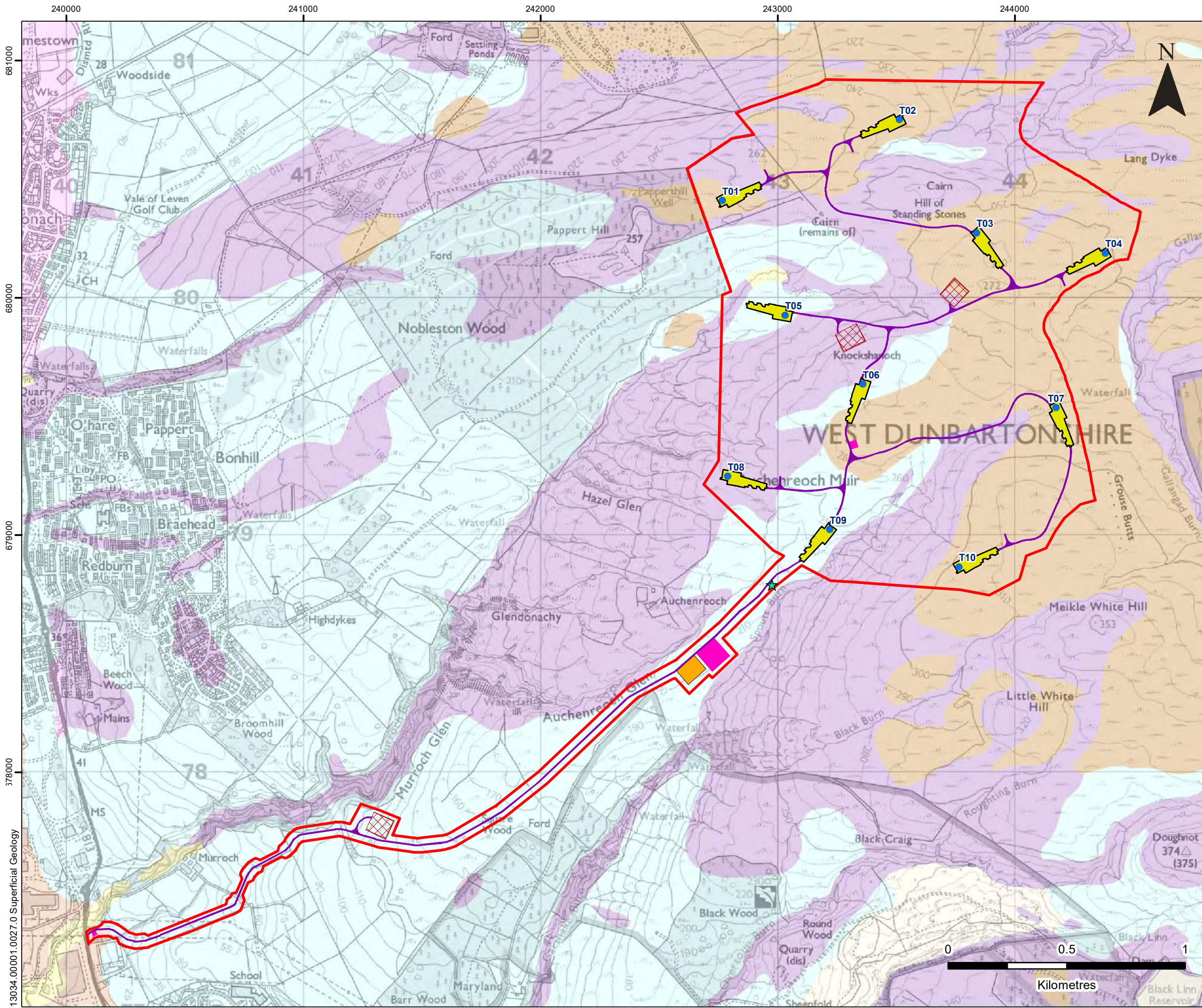
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**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location

**Superficial Geology**

- Alluvium - Clay, Silt, Sand and Gravel
- Glaciofluvial Deposits - Gravel, Sand and Silt
- Peat – Peat
- Raised Marine Deposits Of Holocene Age - Clay, Silt, Sand And Gravel
- Raised Marine Deposits, Devensian - Clay, Silt, Sand And Gravel
- Till, Devensian – Diamicton
- Bedrock at or Near Surface

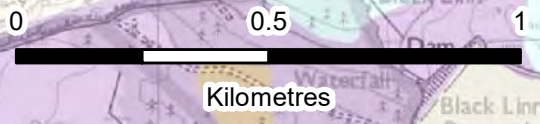
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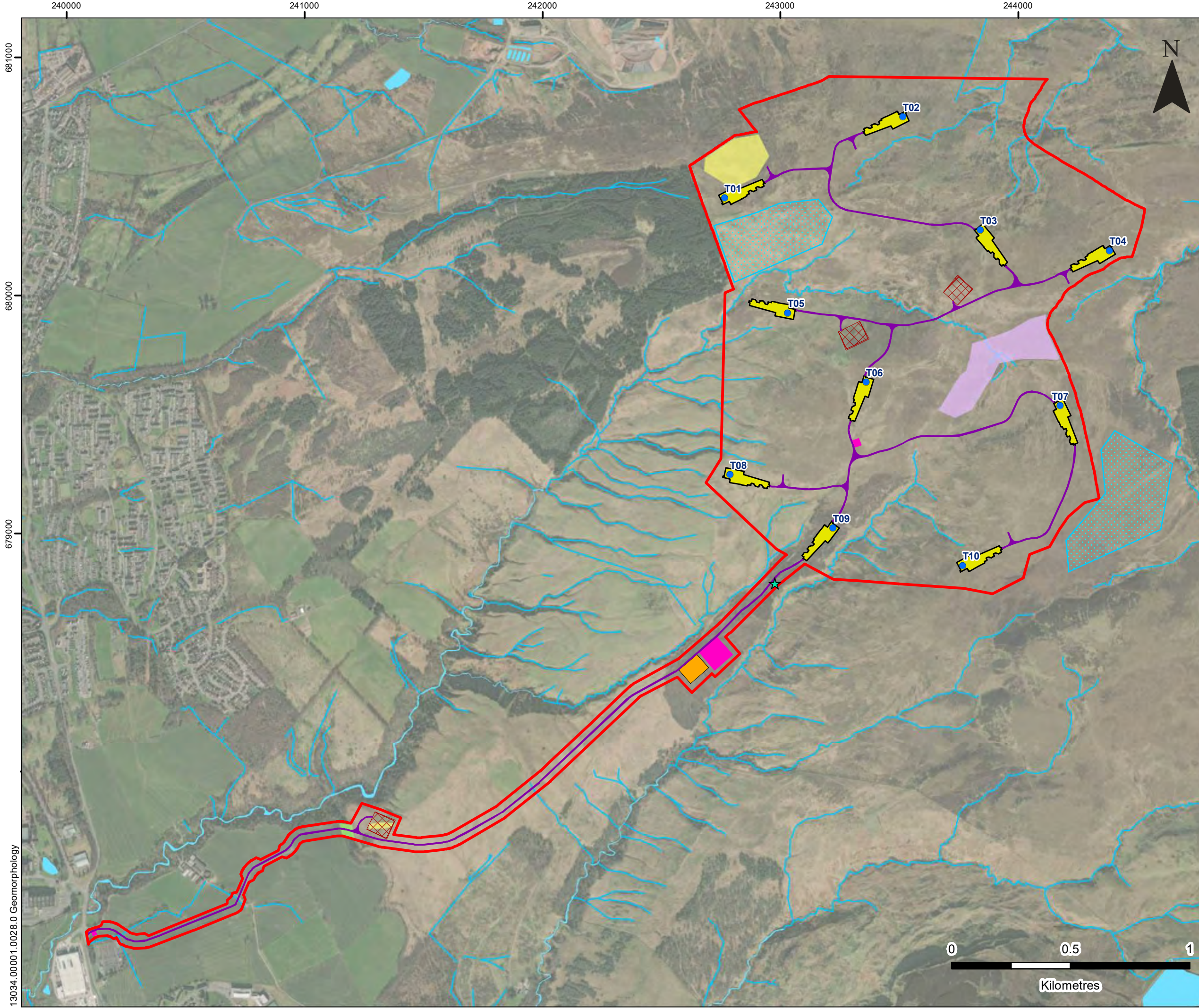
VALE OF LEVEN WIND FARM  
 PEAT STABILITY ASSESSMENT (PLHRA)  
 SUPERFICIAL GEOLOGY

**FIGURE 8.1.3**

Scale: 1:15,000 @ A3      Date: JUNE 2023







**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location

**Geomorphology**

- Ancient Woodland
- Bedrock
- Peatland Bog
- Watercourse
- Waterbody
- Artificial Drainage



**VALE OF LEVEN  
WIND FARM**

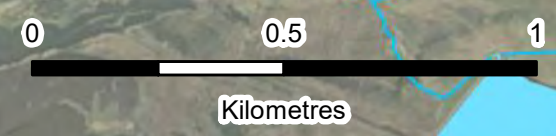
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PEAT STABILITY ASSESSMENT  
(PLHRA)

**GEOMORPHOLOGY**

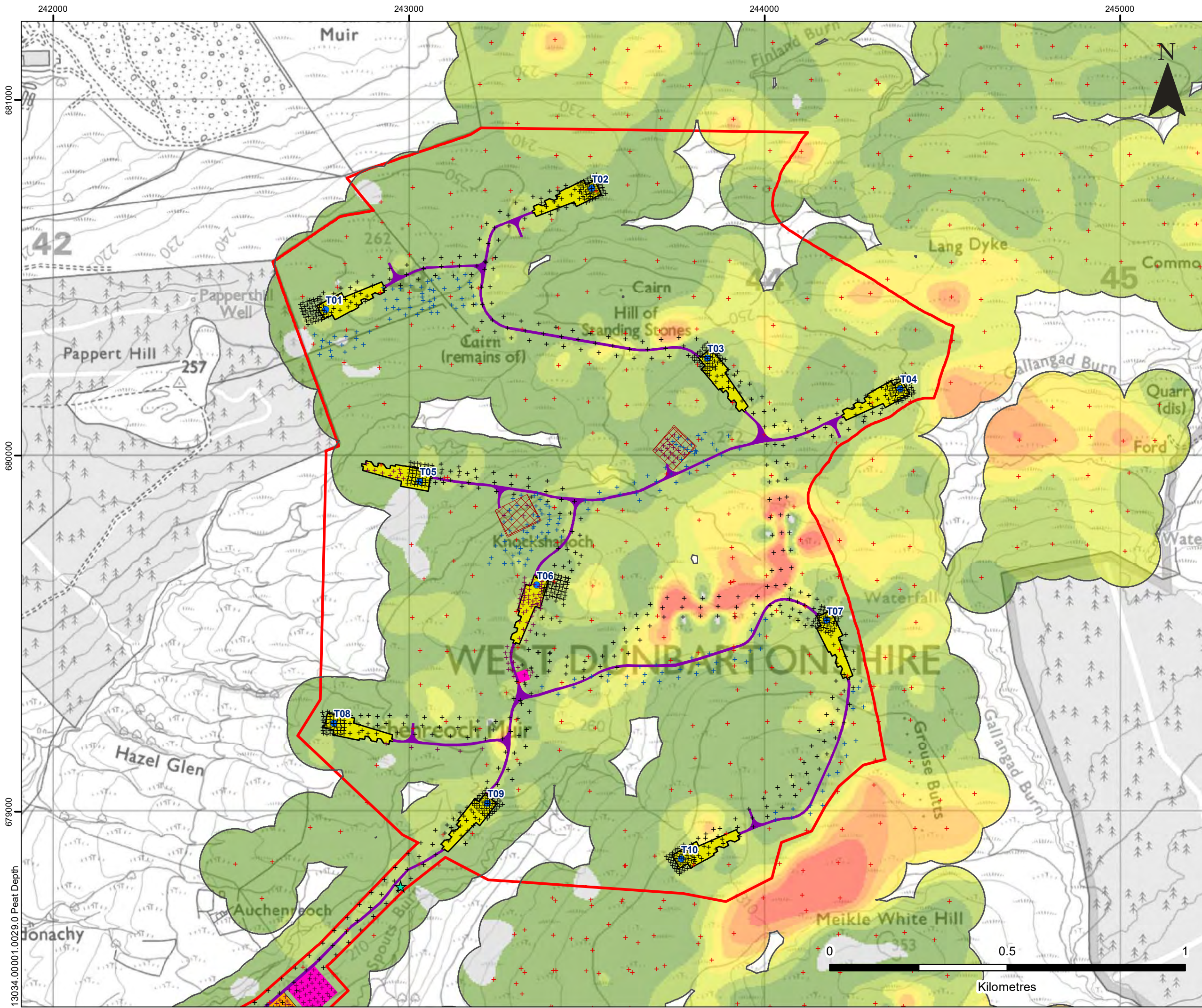
**FIGURE 8.1.5**

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13034.00.001.0028.0 Geomorphology



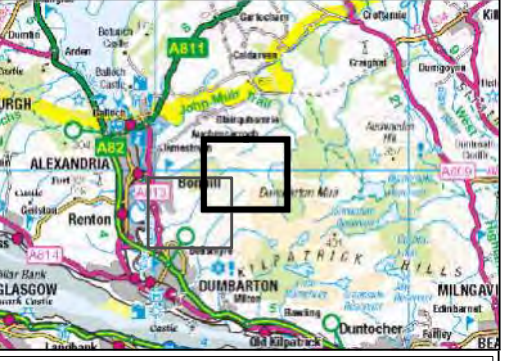


**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location
- + Phase I Peat Probe Location
- + Phase II Peat Probe Location
- + Phase III Peat Probe Location
- + Phase IIII Peat Probe Location

**Peat Depth (m)**

- 0
- 0 - 0.5
- 0.5 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 2.5
- 2.5 - 3
- > 3



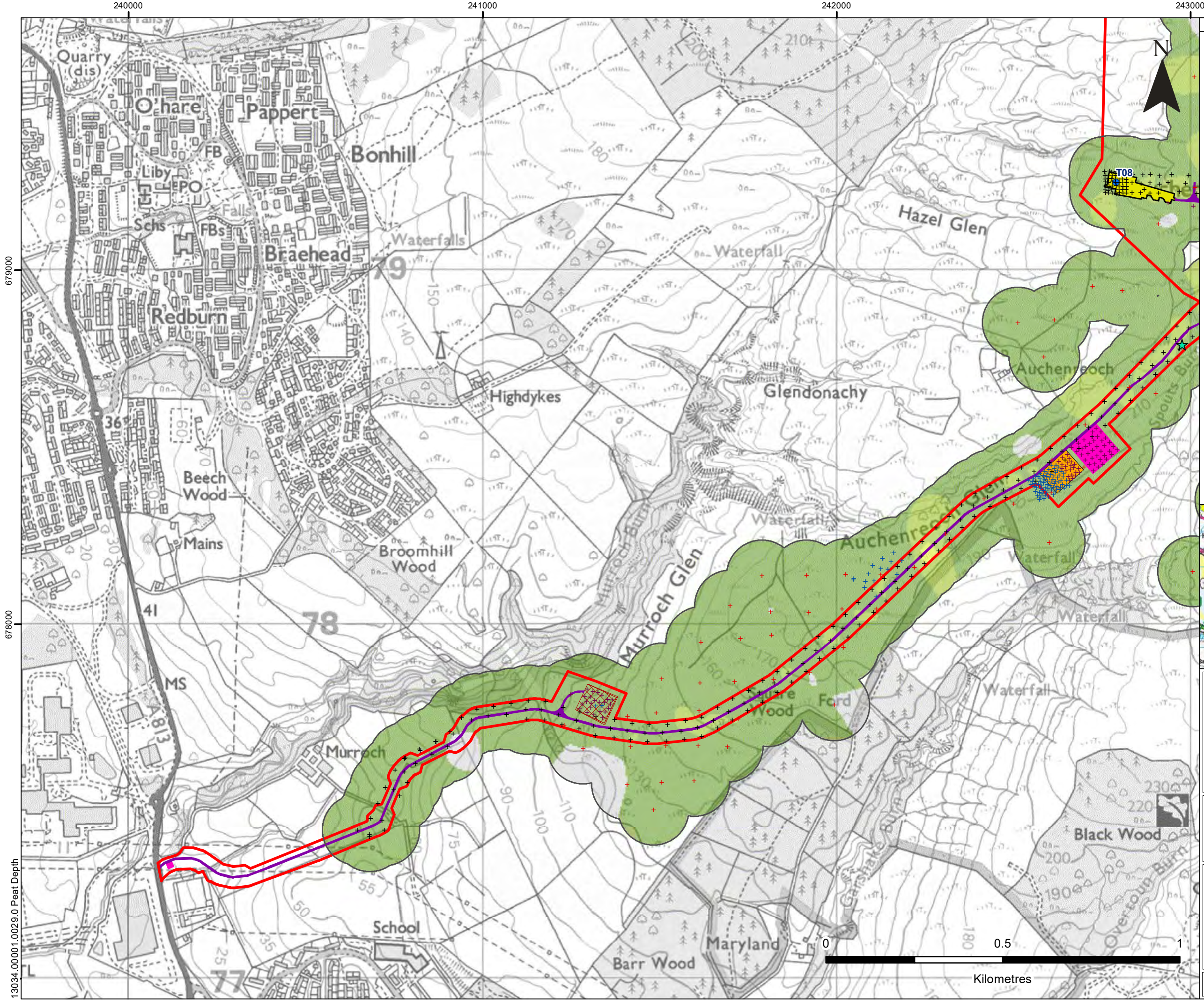
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VALE OF LEVEN WIND FARM  
PEAT STABILITY ASSESSMENT  
(PLHRA)  
PEAT DEPTH  
**FIGURE 8.1.6.1**

Scale: 1:10,000 @ A3      Date: JUNE 2023





**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location
- + Phase I Peat Probe Location
- + Phase II Peat Probe Location
- + Phase III Peat Probe Location
- + Phase IIII Peat Probe Location

**Peat Depth (m)**

- 0
- 0 - 0.5
- 0.5 - 1
- 1 - 1.5



**VALE OF LEVEN  
WIND FARM**

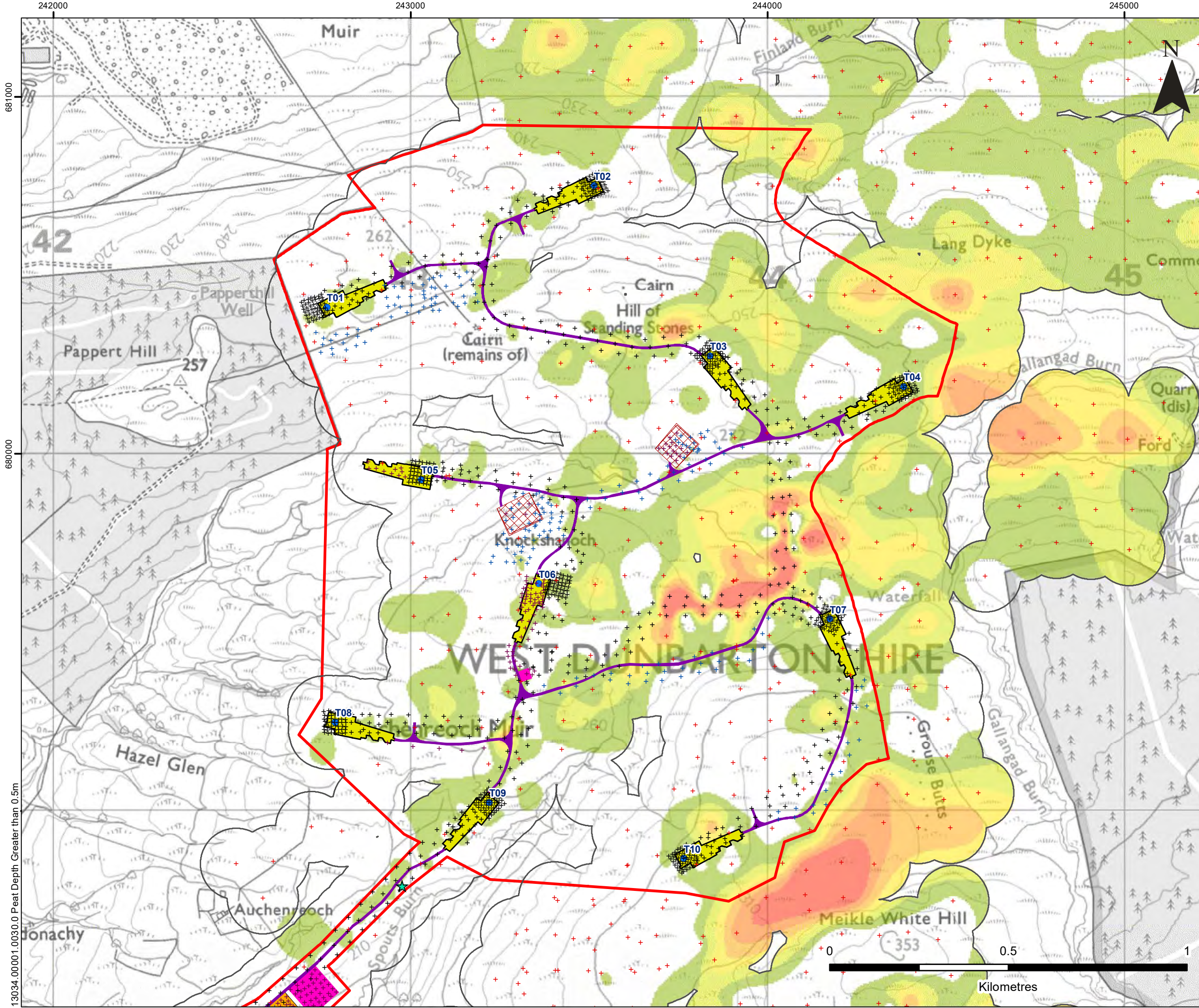
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VALE OF LEVEN WIND FARM  
PEAT STABILITY ASSESSMENT  
(PLHRA)  
PEAT DEPTH  
**FIGURE 8.1.6.2**

Scale: 1:10,000 @ A3      Date: JUNE 2023

13034.00.001.0029.0 Peat Depth



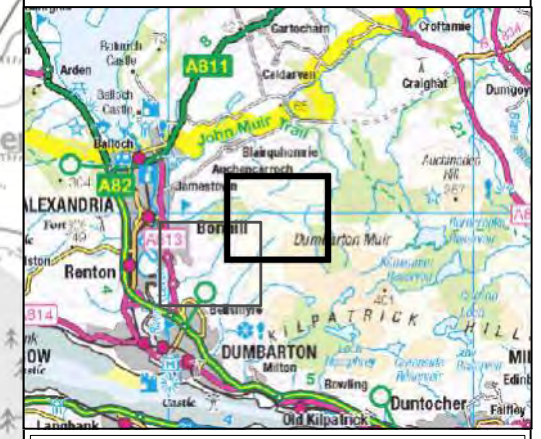


**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location
- + Phase I Peat Probe Location
- + Phase II Peat Probe Location
- + Phase III Peat Probe Location
- + Phase IIII Peat Probe Location

**Peat Depth (m)**

- 0.5 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 2.5
- 2.5 - 3
- > 3



**VALE OF LEVEN  
WIND FARM**

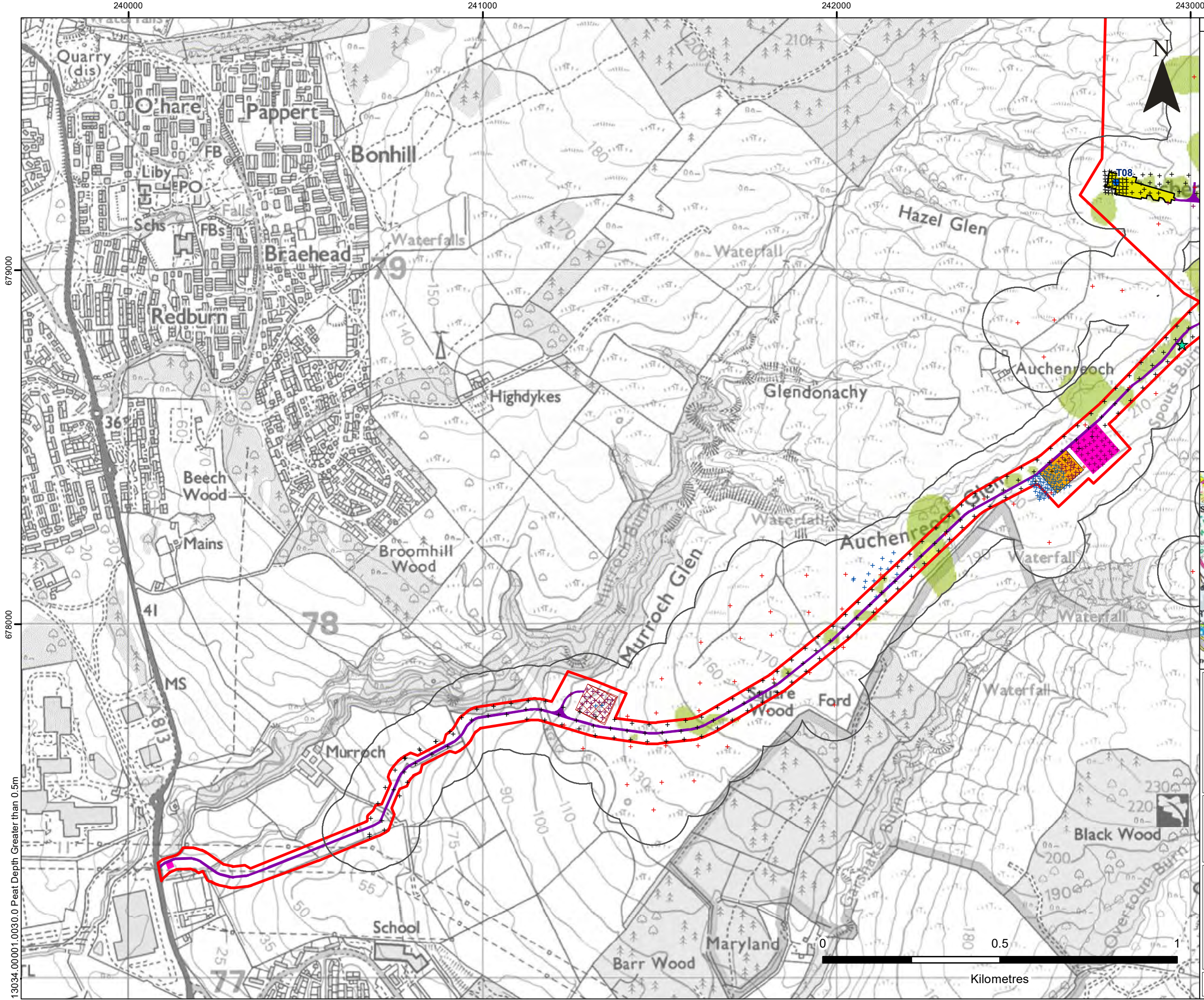
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VALE OF LEVEN WIND FARM  
PEAT STABILITY ASSESSMENT  
(PLHRA)  
**PEAT DEPTH > 0.5M**  
**FIGURE 8.1.7.1**

Scale: 1:10,000 @ A3      Date: JUNE 2023

13034.00.001.0030.0 Peat Depth Greater than 0.5m



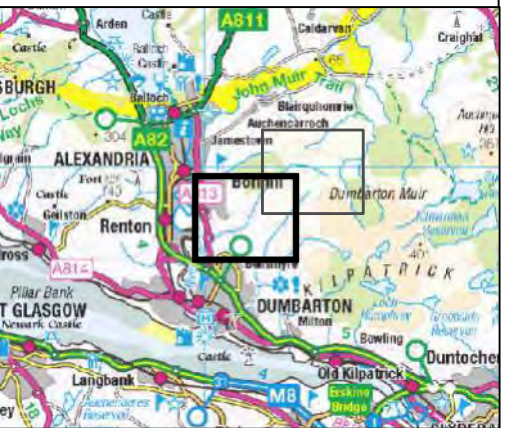


**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location
- + Phase I Peat Probe Location
- + Phase II Peat Probe Location
- + Phase III Peat Probe Location
- + Phase IIII Peat Probe Location

**Peat Depth (m)**

- 0.5 - 1
- 1 - 1.5



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WIND FARM**

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VALE OF LEVEN WIND FARM  
PEAT STABILITY ASSESSMENT  
(PLHRA)  
**PEAT DEPTH > 0.5M**  
**FIGURE 8.1.7.2**

Scale: 1:10,000 @ A3      Date: JUNE 2023

13034.00.001.0030.0 Peat Depth Greater than 0.5m

240000

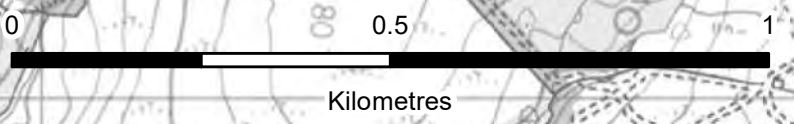
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242000

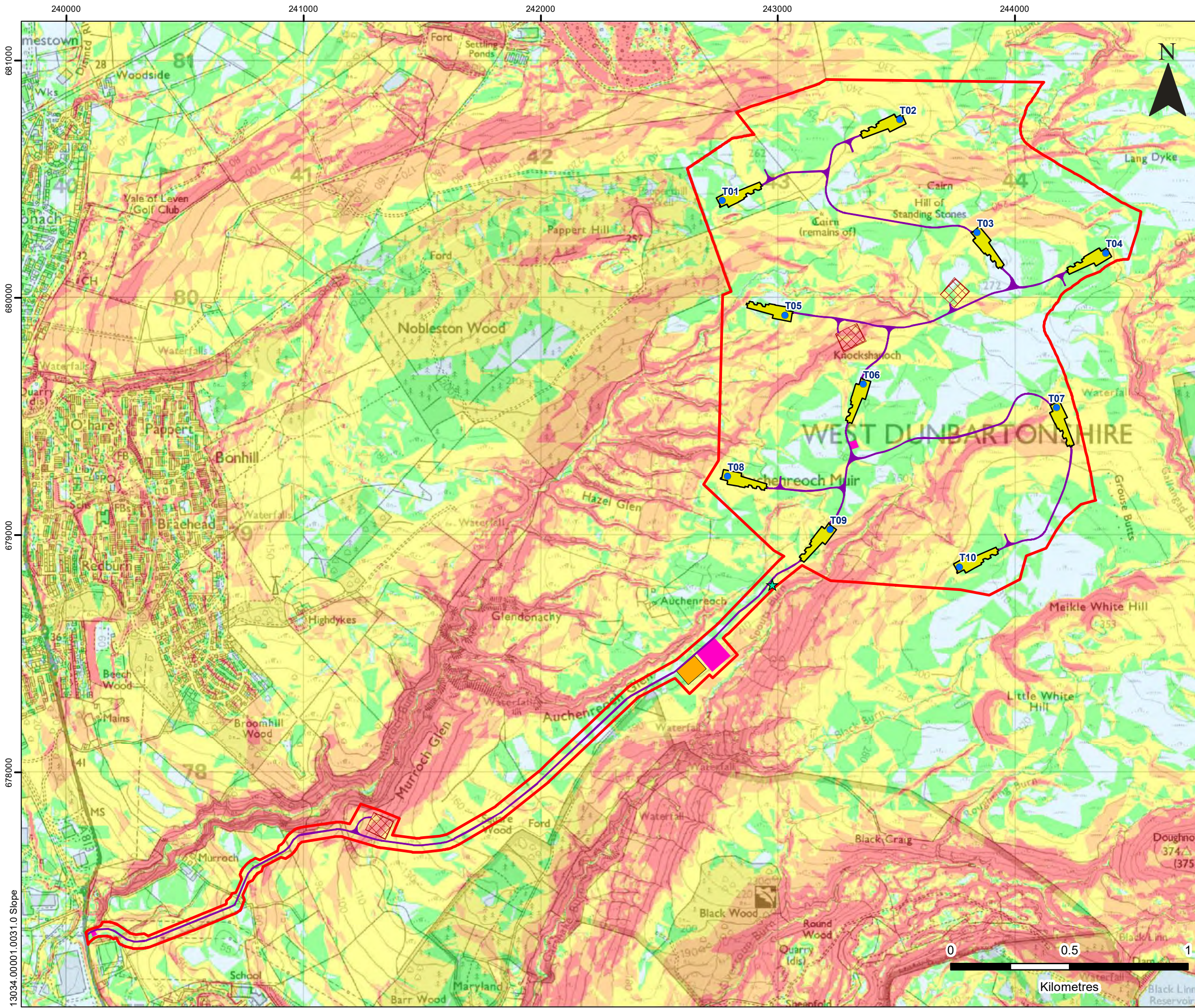
243000

679000

678000







**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location

**Slope (Degrees) - OS Terrain 5**

- 0 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- >12



**VALE OF LEVEN WIND FARM**

**PEAT STABILITY ASSESSMENT (PLHRA)**

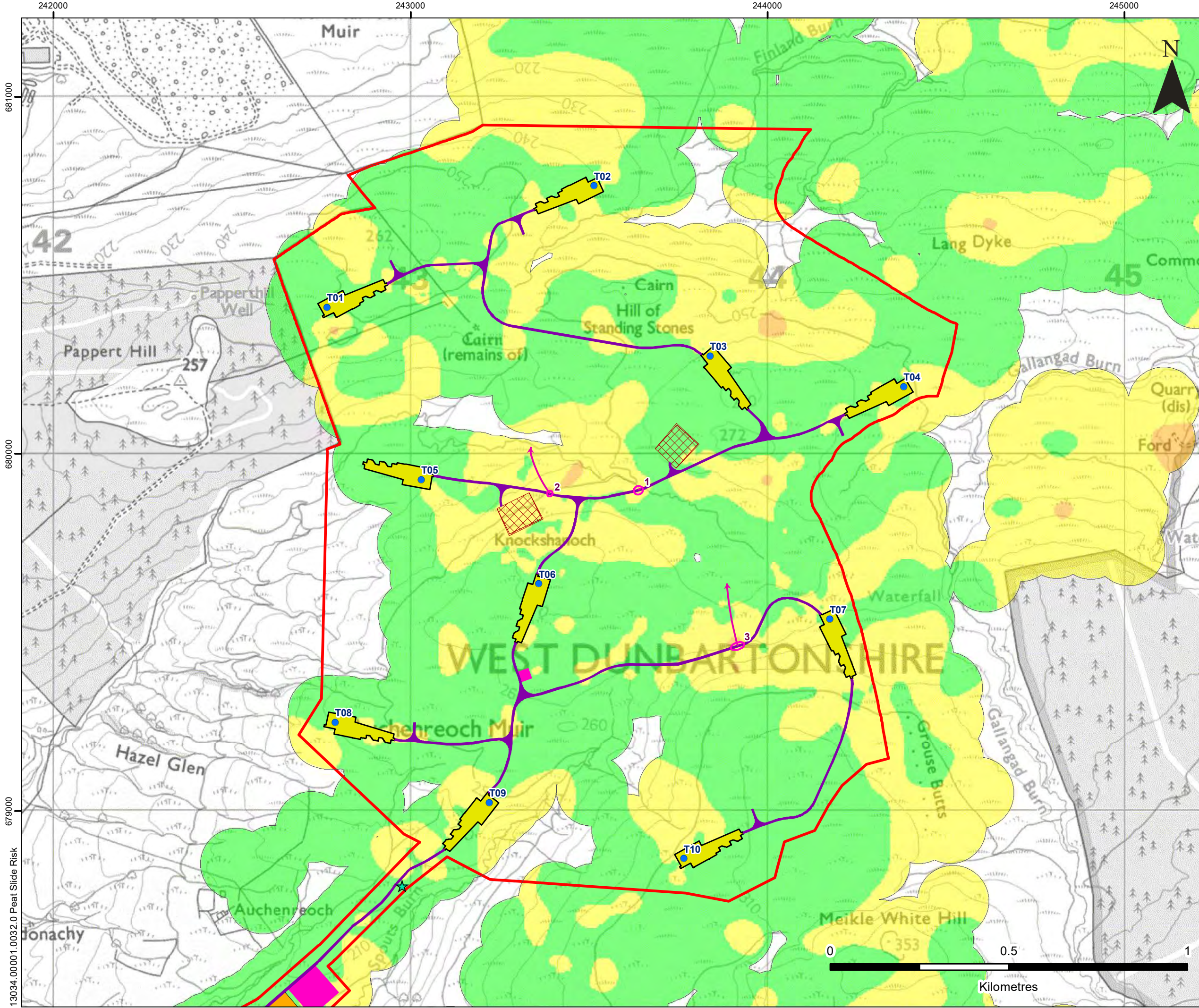
**SLOPE**

**FIGURE 8.1.8**

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Scale: 1:15,000 @ A3      Date: JUNE 2023



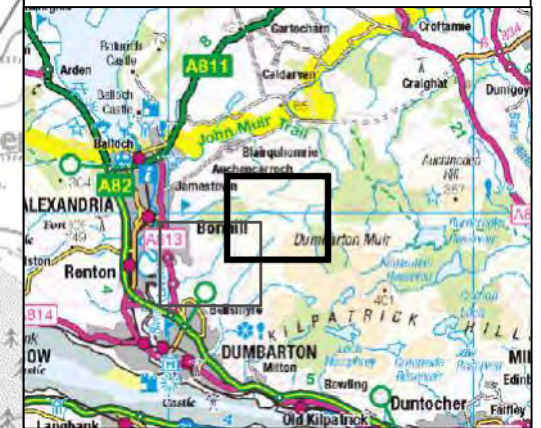


**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location
- Identified Risk Location
- Identified Risk Location - Distance to Nearest Watercourse

**Peat Slide Risk**

- Medium
- Low
- Negligible

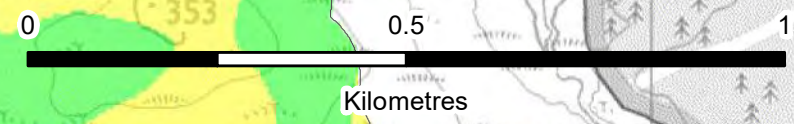


**VALE OF LEVEN  
WIND FARM**

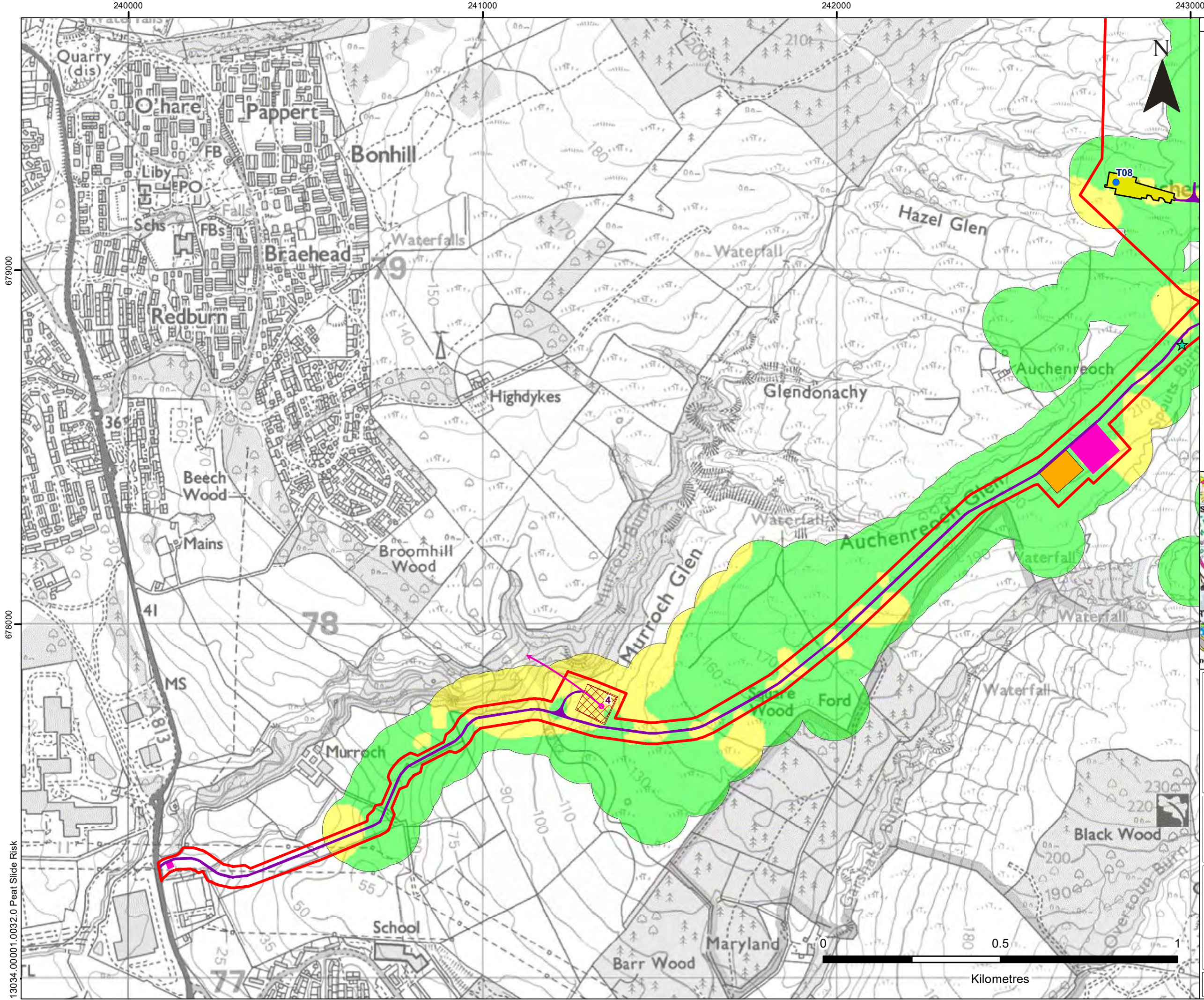
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VALE OF LEVEN WIND FARM  
PEAT STABILITY ASSESSMENT  
(PLHRA)  
**PEAT SLIDE RISK**  
**FIGURE 8.1.9.1**

Scale: 1:10,000 @ A3      Date: JUNE 2023





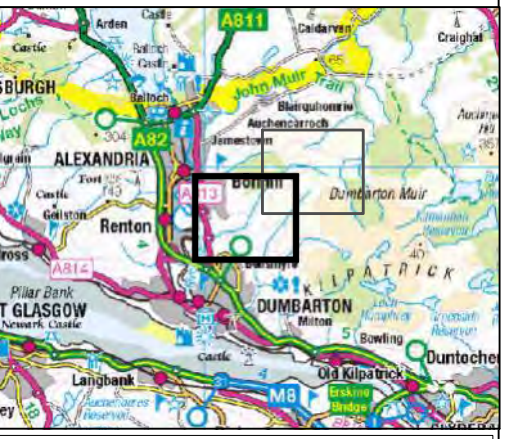


**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location
- Identified Risk Location
- Identified Risk Location - Distance to Nearest Watercourse

**Peat Slide Risk**

- Medium
- Low
- Negligible



**VALE OF LEVEN  
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VALE OF LEVEN WIND FARM  
PEAT STABILITY ASSESSMENT  
(PLHRA)

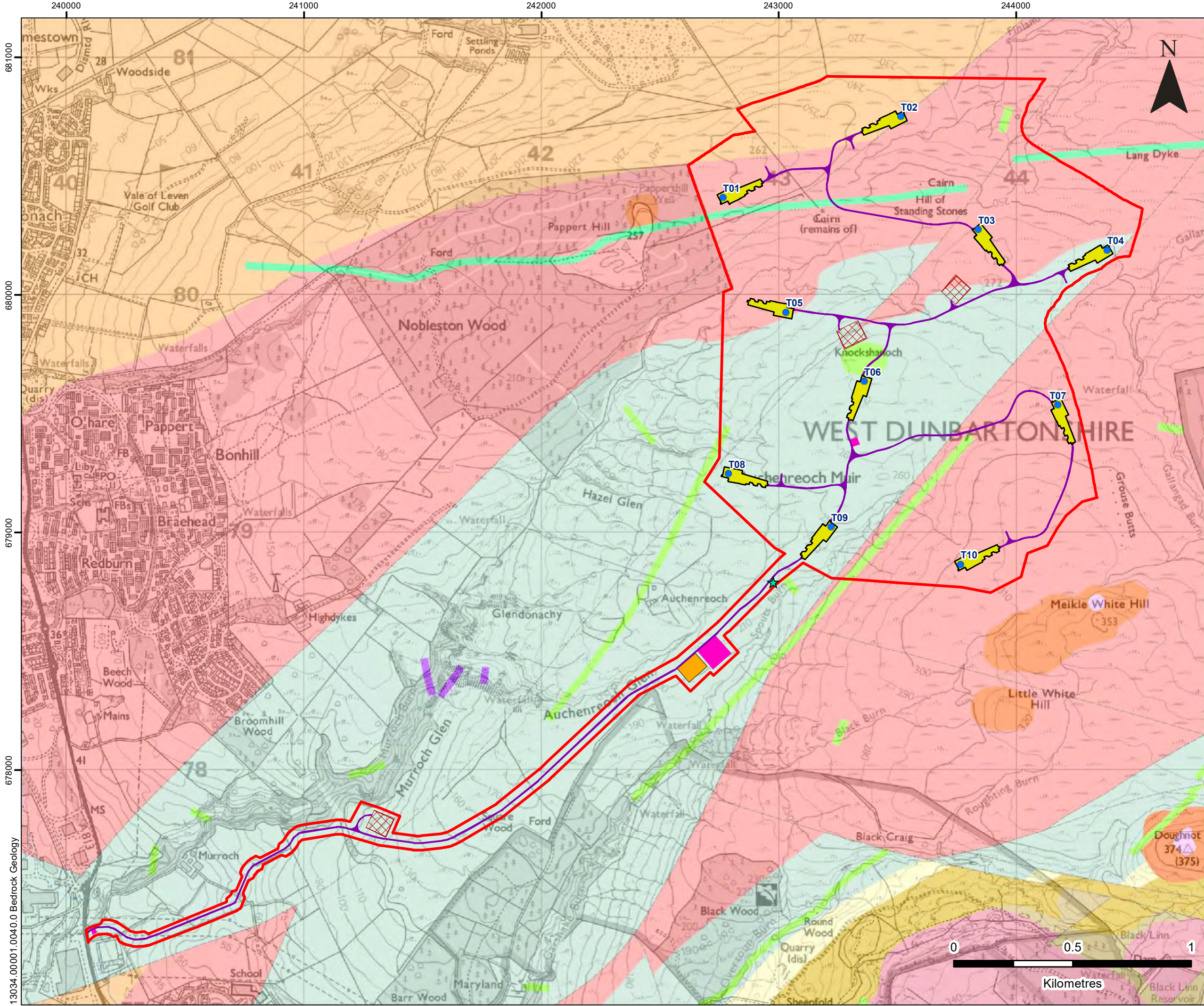
**PEAT SLIDE RISK**

**FIGURE 8.1.9.2**

Scale: 1:10,000 @ A3      Date: JUNE 2023

13034.00001.0032.0 Peat Slide Risk





**LEGEND**

- Application Boundary
- Proposed Turbine Location
- Proposed Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Construction Compound
- Proposed Borrow Pit
- ★ Proposed LiDAR Unit Location

**Linear Features**

- Back-Feature Marking Former Coastline, Arrowheads Denote Uphill Side
- Fault, Inferred, Crossmark On Downthrow Side, Throw In Metres

**Solid Geology**

- Burncrooks Volcaniclastic Member - Tuff And Agglomerate
- Clyde Sandstone Formation - Sandstone
- Ballagan Formation - Argillaceous Rock, Dolostone And Sandstone
- Kinnesswood Formation - Limestone Nodular (Cornstone)
- Kinnesswood Formation - Sandstone
- Kinnesswood Formation - Silicate-Conglomerate - Calcite-Cemented (Calcrete)
- Stockiemuir Sandstone Formation - Sandstone

**Igneous Geology**

- Central Scotland Late Carboniferous Tholeiitic Dyke Swarm - Quartz-Microgabbro
- Clyde Plateau Subsuite - Basaltic-Rock Plagioclase-Microphyric
- Clyde Plateau Subsuite - Basalt Olivine-Macrophyric
- Clyde Plateau Subsuite - Agglomerate
- Dinantian Dykes (Within Mcpad) - Basalt and Microgabbro
- Dinantian Dykes (Within Mcpad) - Basaltic-Rock Plagioclase-Microphyric
- Dinantian Dykes (Within Mcpad) - Basaltic-Rock - Plagioclase-Olivine-Clinopyroxene-M...

**VALE OF LEVEN WIND FARM**

**PEAT STABILITY ASSESSMENT (PLHRA)**

**SOLID GEOLOGY**

**FIGURE 8.1.4**

Scale: 1:15,000 @ A3

Date: JUNE 2023





# **Annex B            Peat Slide Data**

## **Technical Appendix 8.1: Peat Landslide Hazard and Risk Assessment**

**Vale of Leven Wind Farm**

**Vale of Leven Wind Farm Ltd**

SLR Project No.: 405.13034.00001

27 September 2023



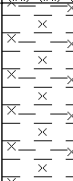
# Peat Core Log

**Hole No.**  
**PC02**  
Sheet 1 of 1

Project: Vale of Leven Wind Farm      Client: Coriolis Energy      Date: 30/01/2023

Project No: 405.13034.0001      Logger: RW      Coordinates: E: 243624.00 N: 679498.00

Location: Renton, West Dunbartonshire      Hole Type: PC      Method:      Vertical Scale: 1:13

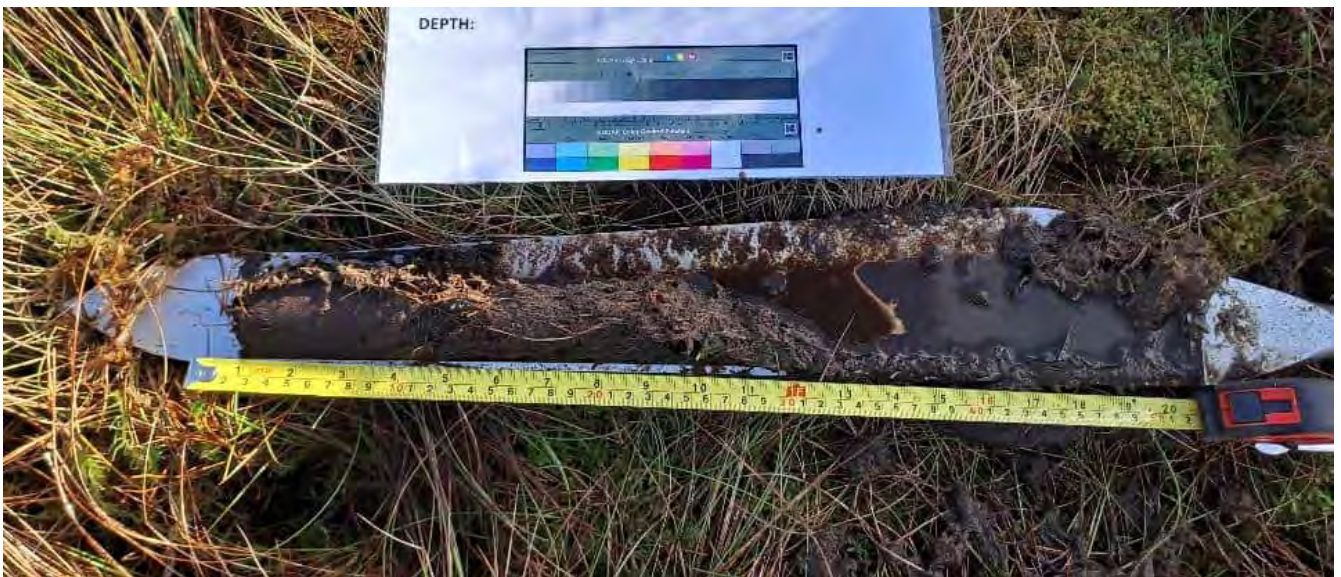
Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.50							Soft greyish brown clayey PEAT, with occasional plant debris (H4, B3)
	0.50 - 1.00	C	0.00 - 0.50	Recovery = 100%		0.70		
	1.00 - 1.50							Dark brown psuedo-fibrous PEAT, with occasional plant remains. (H5, B3).
	1.50 - 2.00	C	0.50 - 1.00	Recovery = 100%		1.70		
	2.00 - 2.50							Soft grey silty CLAY.
	2.50 - 3.00	C	1.00 - 1.50	Recovery = 100%		2.00		
								Peat Core Complete at 2.00m

**Remarks:**  
Peat core recovered using peat sampler.





**Peat Auger 01**  
0 – 0.5m



**Peat Auger 01**  
0.5 – 1.0m



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**Vale of Leven Wind Farm**

Coriolis Energy

Project No.: 405.13034.0001

Photograph Date: July 2023





**Peat Auger 01**  
1.0 – 1.5m



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**Peat Auger 02**  
0 – 0.5m



**Peat Auger 02**  
0.5 – 1.0m



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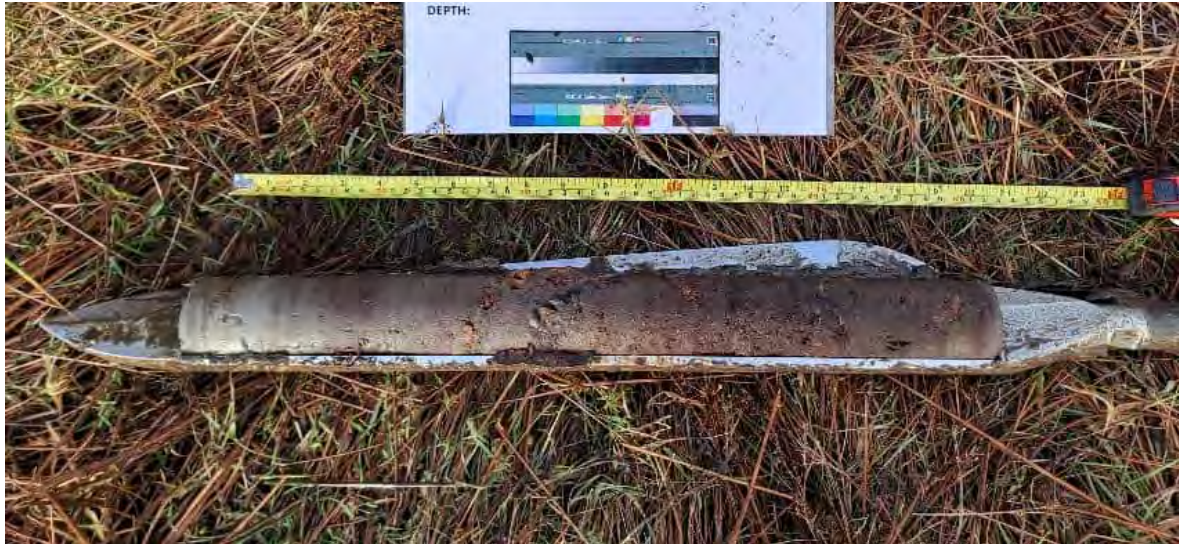
**Vale of Leven Wind Farm**

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Photograph Date: July 2023





**Peat Auger 02**  
1.0 – 1.5m



**Peat Auger 02**  
1.5 – 2.0m



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Project No.: 405.13034.0001








Photograph Date: July 2023

	Peat Core Log	<b>Hole No.</b> <b>PC03</b> Sheet 1 of 1
--	---------------	--

Project: Vale of Leven Wind Farm	Client: Coriolis Energy	Date: 30/01/2023
----------------------------------	-------------------------	------------------

Project No: 405.13034.0001	Logger: RW	Coordinates: E: 243928.00 N: 679642.00
----------------------------	------------	--

Location: Renton, West Dunbartonshire	Hole Type: PC	Method:	Vertical Scale: 1:18
---------------------------------------	---------------	---------	----------------------

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.50					0.30		Brown fibrous PEAT, with abundant roots and plant remains. (H2, B1).
	0.50 - 1.00	C	0.00 - 0.50	Recovery = 100%				Dark brown fibrous PEAT, with frequent roots and plant remains. (H3, B2).
	1.00 - 1.50	C	0.50 - 1.00	Recovery = 100%				
	1.50 - 2.00	C	1.00 - 1.50	Recovery = 100%		1.50		Dark brown fibrous PEAT, with frequent roots and plant remains. (H3, B2).
	2.00 - 2.50	C	1.50 - 2.00	Recovery = 100%				
	2.50 - 3.00	C	2.00 - 2.50	Recovery = 100%				
	3.00 - 3.00	C	2.50 - 3.00	Recovery = 100%		3.00		
								Peat Core Complete at 3.00m

**Remarks:**  
 Peat core recovered using peat sampler.





**Peat Auger 03**  
0 – 0.5m



**Peat Auger 03**  
0.5 – 1.0m



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**Peat Auger 03**  
1.0 – 1.5m



**Peat Auger 03**  
1.5 – 2.0m



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**Vale of Leven Wind Farm**

Coriolis Energy

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**Peat Auger 03**  
2.0 - 2.5m



**Peat Auger 03**  
2.5 – 3.0m



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**Vale of Leven Wind Farm**

Coriolis Energy

Project No.: 405.13034.0001

Photograph Date: July 2023



# Annex C Peat Coring Data

## Technical Appendix 8.1: Peat Landslide Hazard and Risk Assessment

Vale of Leven Wind Farm

Vale of Leven Wind Farm Ltd

SLR Project No.: 405.13034.00001

27 September 2023



ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	244301.58	682261.29	0.00	Soil	Granular		6.05	No Peat	0	4	1	0	None
2	Point	244207.68	682325.70	0.00	Soil	Granular		11.47	No Peat	0	6	1	0	None
3	Point	244299.90	682144.61	0.10	Soil	Granular		9.78	Peaty Soil	1	6	1	6	Low
4	Point	244015.26	682159.41	0.10	Superficial	Granular		9.78	Peaty Soil	1	6	1	6	Low
5	Point	244124.56	682150.31	0.10	Superficial	Granular		12.65	Peaty Soil	1	8	1	8	Low
6	Point	244216.46	682147.82	0.30	Soil	Granular		12.57	Peaty Soil	1	8	1	8	Low
7	Point	244200.53	682052.18	0.20	Superficial	Granular		7.87	Peaty Soil	1	4	1	4	Negligible
8	Point	244120.87	682056.90	0.20	Peat	Granular		12.50	Peaty Soil	1	8	1	8	Low
9	Point	244029.78	681957.71	0.20	Superficial	Granular		9.08	Peaty Soil	1	6	1	6	Low
10	Point	243822.42	681923.00	0.20	Superficial	Granular		8.24	Peaty Soil	1	6	1	6	Low
11	Point	243822.42	682043.98	0.20	Superficial	Granular		10.12	Peaty Soil	1	6	1	6	Low
12	Point	243813.31	682144.18	0.20	Superficial	Granular		7.44	Peaty Soil	1	4	1	4	Negligible
13	Point	243681.24	682039.43	0.20	Superficial	Granular		15.63	Peaty Soil	1	8	1	8	Low
14	Point	243708.57	681939.24	0.20	Superficial	Granular		8.03	Peaty Soil	1	6	1	6	Low
15	Point	243610.65	681968.84	0.30	Superficial	Granular		7.76	Peaty Soil	1	4	1	4	Negligible
16	Point	244013.70	682048.54	0.20	Superficial	Granular		11.19	Peaty Soil	1	6	1	6	Low
17	Point	243819.01	681861.82	0.30	Superficial	Granular		6.68	Peaty Soil	1	4	1	4	Negligible
18	Point	243513.01	681848.16	0.20	Superficial	Granular		6.72	Peaty Soil	1	4	1	4	Negligible
19	Point	243598.71	681827.23	0.70	Peat	Granular		1.84	Thin Peat	2	1	1	2	Negligible
20	Point	243722.98	681874.52	0.10	Superficial	Granular		3.82	Peaty Soil	1	2	1	2	Negligible
21	Point	244306.90	682054.81	0.20	Superficial	Granular		9.54	Peaty Soil	1	6	1	6	Low
22	Point	244216.79	681959.48	0.80	Peat	Granular		5.04	Thin Peat	2	4	1	8	Low
23	Point	244112.82	681943.93	0.30	Peat	Granular		5.04	Peaty Soil	1	4	1	4	Negligible
24	Point	244016.30	681861.28	0.20	Superficial	Granular		3.98	Peaty Soil	1	2	1	2	Negligible
25	Point	243411.58	681843.20	0.20	Superficial	Granular		7.91	Peaty Soil	1	4	1	4	Negligible
26	Point	244215.99	681845.37	0.30	Peat	Granular		2.75	Peaty Soil	1	2	1	2	Negligible
27	Point	244114.00	681849.01	0.30	Peat	Granular		1.67	Peaty Soil	1	1	1	1	Negligible
28	Point	244316.10	681853.58	0.40	Peat	Granular		5.12	Peaty Soil	1	4	1	4	Negligible
29	Point	244327.64	681937.83	0.30	Peat	Granular		5.12	Peaty Soil	1	4	1	4	Negligible
30	Point	244406.21	682355.91	0.10	Soil	Granular		1.47	Peaty Soil	1	1	1	1	Negligible
31	Point	244422.61	682256.91	0.10	Soil	Granular		2.68	Peaty Soil	1	2	1	2	Negligible
32	Point	244401.77	682158.14	0.30	Soil	Granular		11.43	Peaty Soil	1	6	1	6	Low
33	Point	244413.72	682063.98	0.70	Soil	Granular		9.42	Thin Peat	2	4	1	12	Low
34	Point	244405.58	681944.11	0.60	Peat	Granular		5.52	Thin Peat	2	4	1	8	Low
35	Point	244384.41	681853.52	0.60	Peat	Granular		5.27	Thin Peat	2	4	1	8	Low
36	Point	244513.78	682111.39	0.70	Soil	Granular		11.94	Thin Peat	2	6	1	12	Low
37	Point	244494.79	682240.54	0.40	Soil	Granular		2.60	Peaty Soil	1	2	1	2	Negligible
38	Point	244305.19	682254.66	0.10	rock	Granular		2.33	Peaty Soil	1	2	1	2	Negligible
39	Point	244307.67	682159.32	0.80	Peat	Granular		10.10	Thin Peat	2	6	1	12	Low
40	Point	244313.59	682058.47	0.30	Soil	Granular		9.54	Peaty Soil	1	6	1	6	Low
41	Point	244312.52	681954.16	1.40	Peat	Granular		5.30	Thin Peat	2	4	1	8	Low
42	Point	244310.29	681855.27	0.30	Soil	Granular		5.13	Peaty Soil	1	4	1	4	Negligible
43	Point	244911.88	681848.22	0.40	Soil	Granular		9.03	Peaty Soil	1	6	1	6	Low
44	Point	244606.78	681851.98	0.60	Soil	Granular		5.96	Thin Peat	2	4	1	8	Low
45	Point	243812.18	681761.63	0.30	Superficial	Granular		3.75	Peaty Soil	1	2	1	2	Negligible
46	Point	243827.21	681667.60	0.30	Peat	Granular		2.47	Peaty Soil	1	2	1	2	Negligible
47	Point	243441.01	681775.29	0.50	Peat	Granular		3.01	Peaty Soil	1	2	1	2	Negligible
48	Point	243833.59	681548.17	0.50	Peat	Granular		1.42	Peaty Soil	1	1	1	1	Negligible
49	Point	243806.31	681470.06	1.00	Peat	Granular		3.62	Thin Peat	2	2	1	4	Negligible
50	Point	243818.99	681533.40	0.40	Superficial	Granular		6.03	Peaty Soil	1	4	1	4	Negligible
51	Point	243794.97	681246.55	0.30	Superficial	Granular		1.79	Peaty Soil	1	1	1	1	Negligible
52	Point	243321.51	681185.77	0.90	Peat	Granular		2.10	Thin Peat	2	2	1	4	Negligible
53	Point	243200.48	681253.87	0.50	Peat	Granular		9.54	Peaty Soil	1	6	1	6	Low
54	Point	243302.50	681278.00	0.30	Peat	Granular		9.05	Peaty Soil	1	6	1	6	Low
55	Point	243411.97	681262.05	0.70	Peat	Granular		0.99	Thin Peat	2	1	1	2	Negligible
56	Point	243517.26	681260.91	0.20	Superficial	Granular		4.23	Peaty Soil	1	4	1	4	Negligible
57	Point	243544.99	681244.36	0.40	Peat	Granular		3.48	Peaty Soil	1	2	1	2	Negligible
58	Point	243712.47	681252.56	0.40	Peat	Granular		2.81	Peaty Soil	1	2	1	2	Negligible
59	Point	243737.12	681344.09	0.30	Superficial	Granular		2.07	Peaty Soil	1	2	1	2	Negligible
60	Point	243617.97	681348.20	0.20	Superficial	Granular		3.70	Peaty Soil	1	2	1	2	Negligible
61	Point	243513.09	681355.01	0.20	Superficial	Granular		6.59	Peaty Soil	1	4	1	4	Negligible
62	Point	243421.42	681372.08	0.00	Superficial	Granular		2.80	No Peat	0	2	1	0	None
63	Point	243294.20	681441.70	0.40	Peat	Granular		4.42	Peaty Soil	1	4	1	4	Negligible
64	Point	243214.87	681457.40	0.30	Peat	Granular		3.41	Peaty Soil	1	2	1	2	Negligible
65	Point	243188.49	681558.63	2.30	Peat	Granular		5.52	Thick Peat	3	4	1	12	Low
66	Point	243300.36	681556.59	0.10	Superficial	Granular		4.88	Peaty Soil	1	4	1	4	Negligible
67	Point	243115.29	681637.82	2.10	Peat	Granular		5.51	Thick Peat	3	4	1	12	Low
68	Point	243215.48	681665.14	1.20	Peat	Granular		5.27	Thin Peat	2	4	1	8	Low
69	Point	243412.79	681666.80	0.30	Peat	Granular		6.33	Peaty Soil	1	4	1	4	Negligible
70	Point	243413.82	681452.66	0.30	Peat	Granular		3.72	Peaty Soil	1	2	1	2	Negligible
71	Point	243504.90	681466.32	0.30	Peat	Granular		2.26	Peaty Soil	1	2	1	2	Negligible
72	Point	243521.98	681559.68	0.10	Superficial	Granular		4.25	Peaty Soil	1	4	1	4	Negligible
73	Point	243616.48	681546.02	0.60	Peat	Granular		4.04	Thin Peat	2	4	1	8	Low
74	Point	243616.48	681448.10	0.30	Peat	Granular		2.69	Peaty Soil	1	2	1	2	Negligible
75	Point	243699.22	681666.79	0.60	Peat	Granular		2.18	Thin Peat	2	2	1	4	Negligible
76	Point	243716.67	681484.54	0.30	rock	Granular		1.12	Peaty Soil	1	1	1	1	Negligible
77	Point	243721.51	681650.65	0.90	Peat	Granular		1.59	Thin Peat	2	1	1	2	Negligible
78	Point	243607.29	681650.90	0.40	Peat	Granular		4.56	Peaty Soil	1	4	1	4	Negligible
79	Point	243507.52	681665.48	1.80	Peat	Granular		4.87	Thick Peat	3	4	1	12	Low
80	Point	243423.85	681673.53	1.70	Peat	Granular		2.76	Thick Peat	3	2	1	6	Low
81	Point	243340.36	681657.82	0.50	Peat	Granular		4.68	Peaty Soil	1	4	1	4	Negligible
82	Point	243510.72	681754.80	0.20	Superficial	Granular		1.41	Peaty Soil	1	1	1	1	Negligible
83	Point	243609.79	681744.56	0.70	Peat	Granular		8.51	Thin Peat	2	6	1	12	Low
84	Point	243724.78	681757.08	0.50	Peat	Granular		5.04	Peaty Soil	1	4	1	4	Negligible
85	Point	243999.76	681755.11	0.90	Peat	Granular		3.04	Thin Peat	2	2	1	4	Negligible
86	Point	244005.00	681655.77	0.00	Peat	Granular		4.54	No Peat	0	4	1	0	None
87	Point	244025.28	681560.72	0.50	Peat	Granular		1.49	Peaty Soil	1	1	1	1	Negligible
88	Point	244019.95	681450.99	2.30	Peat	Granular		2.02	Thick Peat	3	2	1	6	Low
89	Point	244018.26	681269.46	0.80	Peat	Granular		3.58	Thin Peat	2	2	1	4	Negligible
90	Point	243314.46	681716.95	0.50	Superficial	Granular		5.81	Peaty Soil	1	4	1	4	Negligible
91	Point	244108.72	681250.40	0.70	Peat	Granular		4.56	Thin Peat	2	4	1	8	Low
92	Point	244208.52	681262.38	0.90	Peat	Granular		2.82	Thin Peat	2	2	1	4	Negligible
93	Point	244289.82	681450.32	0.10	Superficial	Granular		3.43	Peaty Soil	1	2	1	2	Negligible
94	Point	244201.99	681447.00	1.20	Peat	Granular		1.04	Thin Peat	2	1	1	2	Negligible
95	Point	244105.51	681476.24	0.50	Peat	Granular		2.06	Peaty Soil	1	2	1	2	Negligible
96	Point	244091.02	681563.16	0.50	Peat	Granular		2.15	Peaty Soil	1	2	1	2	Negligible
97	Point	244206.04	681556.03	0.50	Peat	Granular		2.11	Peaty Soil	1	2	1	2	Negligible
98	Point	244298.67	681553.34	0.40	Peat	Granular		2.52	Peaty Soil	1	2	1	2	Negligible
99	Point	244315.86	681652.69	0.30	Peat	Granular		5.55	Peaty Soil	1	4	1	4	Negligible
100														



ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
126	Point	245007.57	681243.94	0.30	Soil	Granular		3.66	Peaty Soil	1	2	1	2	Negligible
127	Point	245111.40	681243.54	1.20	Peat	Granular		2.58	Thin Peat	2	2	1	4	Negligible
128	Point	245209.69	681251.61	0.90	Peat	Granular		3.48	Thin Peat	2	2	1	4	Negligible
129	Point	245309.60	681344.66	0.80	Peat	Granular		2.05	Thin Peat	2	2	1	4	Negligible
130	Point	245404.72	681357.86	0.30	Soil	Granular		3.75	Peaty Soil	1	2	1	2	Negligible
131	Point	245506.92	681357.07	0.40	Soil	Granular		6.53	Peaty Soil	1	4	1	4	Negligible
132	Point	245305.17	681454.74	0.50	Peat	Granular		5.17	Peaty Soil	1	4	1	4	Negligible
133	Point	245223.34	681359.09	0.60	Peat	Granular		2.94	Thin Peat	2	2	1	4	Negligible
134	Point	245121.37	681341.40	0.30	Soil	Granular		2.90	Peaty Soil	1	2	1	2	Negligible
135	Point	245104.37	681444.32	0.30	Soil	Granular		10.31	Peaty Soil	1	6	1	6	Low
136	Point	245197.75	681454.52	0.30	Soil	Granular		9.86	Peaty Soil	1	6	1	6	Low
137	Point	245215.38	681545.60	0.20	Soil	Granular		6.91	Peaty Soil	1	4	1	4	Negligible
138	Point	244906.39	681436.22	0.10	Soil	Granular		6.20	Peaty Soil	1	4	1	4	Negligible
139	Point	244903.00	681555.28	0.30	Soil	Granular		11.17	Peaty Soil	1	6	1	6	Low
140	Point	244809.17	681544.63	0.50	Peat	Granular		4.31	Peaty Soil	1	4	1	4	Negligible
141	Point	244806.20	681456.36	0.40	Soil	Granular		5.95	Peaty Soil	1	4	1	4	Negligible
142	Point	244719.42	681352.36	0.60	Peat	Granular		2.92	Thin Peat	2	2	1	4	Negligible
143	Point	244712.56	681453.61	0.20	Soil	Granular		7.00	Peaty Soil	1	4	1	4	Negligible
144	Point	244614.03	681643.77	0.60	Soil	Granular		3.95	Thin Peat	2	2	1	4	Negligible
145	Point	244608.62	681741.81	0.70	Peat	Granular		2.21	Thin Peat	2	2	1	4	Negligible
146	Point	244706.98	681754.42	0.50	Soil	Granular		5.38	Peaty Soil	1	4	1	4	Negligible
147	Point	244811.63	681742.66	0.70	Peat	Granular		5.38	Thin Peat	2	4	1	8	Low
148	Point	244913.48	681742.70	0.50	Soil	Granular		5.07	Peaty Soil	1	4	1	4	Negligible
149	Point	243814.80	681153.55	0.40	Superficial	Granular		2.27	Peaty Soil	1	2	1	2	Negligible
150	Point	243788.72	681039.75	0.40	Superficial	Granular		4.04	Peaty Soil	1	4	1	4	Negligible
151	Point	243717.11	681052.03	0.40	Superficial	Granular		1.32	Peaty Soil	1	1	1	1	Negligible
152	Point	243707.45	680946.46	0.40	Superficial	Granular		3.67	Peaty Soil	1	2	1	2	Negligible
153	Point	243622.06	680853.10	0.40	Superficial	Granular		5.06	Peaty Soil	1	4	1	4	Negligible
154	Point	243699.48	680764.30	0.40	Superficial	Granular		4.91	Peaty Soil	1	4	1	4	Negligible
155	Point	243615.23	680759.74	0.40	Superficial	Granular		5.96	Peaty Soil	1	4	1	4	Negligible
156	Point	243526.63	680742.90	0.40	Superficial	Granular		4.55	Peaty Soil	1	4	1	4	Negligible
157	Point	243402.20	680660.72	0.50	Superficial	Granular		4.88	Peaty Soil	1	4	1	4	Negligible
158	Point	243415.10	680751.06	0.40	Superficial	Granular		2.93	Peaty Soil	1	2	1	2	Negligible
159	Point	243320.75	680537.78	0.50	Peat	Granular		5.03	Peaty Soil	1	4	1	4	Negligible
160	Point	243225.06	680551.87	0.20	Superficial	Granular		6.04	Peaty Soil	1	4	1	4	Negligible
161	Point	242825.46	680614.81	0.20	Superficial	Rock		5.77	Peaty Soil	1	4	2	8	Low
162	Point	242918.82	680555.61	0.20	Superficial	Rock		3.47	Peaty Soil	1	2	2	4	Negligible
163	Point	243001.91	680563.22	0.40	Superficial	Granular		0.80	Peaty Soil	1	1	1	1	Negligible
164	Point	242999.63	680648.61	0.40	Superficial	Granular		3.25	Peaty Soil	1	2	1	2	Negligible
165	Point	242923.81	680654.93	0.20	Superficial	Rock		2.38	Peaty Soil	1	2	2	4	Negligible
166	Point	242921.30	680712.13	0.00	rock	Rock		7.46	No Peat	0	4	2	0	None
167	Point	243010.03	680753.35	0.20	Peat	Granular		2.75	Peaty Soil	1	2	1	2	Negligible
168	Point	243117.42	680736.26	0.30	Superficial	Granular		3.73	Peaty Soil	1	2	1	2	Negligible
169	Point	243119.37	680639.87	0.20	Superficial	Granular		2.86	Peaty Soil	1	2	1	2	Negligible
170	Point	243203.62	680642.15	0.20	Superficial	Granular		2.20	Peaty Soil	1	2	1	2	Negligible
171	Point	243213.86	680745.76	0.20	Superficial	Granular		1.91	Peaty Soil	1	1	1	1	Negligible
172	Point	243123.64	680833.39	0.20	Superficial	Granular		9.63	Peaty Soil	1	6	1	6	Low
173	Point	243286.50	680744.21	0.10	Superficial	Granular		2.93	Peaty Soil	1	2	1	2	Negligible
174	Point	243414.56	680842.68	0.50	Peat	Granular		4.14	Peaty Soil	1	4	1	4	Negligible
175	Point	243510.20	680840.41	0.70	Peat	Granular		4.51	Thin Peat	2	4	1	8	Low
176	Point	243307.49	680837.73	0.40	Peat	Granular		6.15	Peaty Soil	1	4	1	4	Negligible
177	Point	243215.27	680857.09	0.20	Superficial	Granular		7.18	Peaty Soil	1	4	1	4	Negligible
178	Point	243305.47	680933.65	0.90	Peat	Granular		4.54	Thin Peat	2	4	1	8	Low
179	Point	243233.17	680962.84	0.20	Superficial	Granular		9.27	Peaty Soil	1	6	1	6	Low
180	Point	243199.84	681014.85	0.80	Peat	Granular		7.56	Thin Peat	2	4	1	8	Low
181	Point	243308.79	681056.45	0.90	Peat	Granular		5.11	Thin Peat	2	4	1	8	Low
182	Point	243417.77	681058.63	0.90	Peat	Granular		4.05	Thin Peat	2	4	1	8	Low
183	Point	243417.44	680950.69	0.90	Peat	Granular		5.05	Thin Peat	2	4	1	8	Low
184	Point	243510.80	681070.24	0.50	Peat	Granular		4.96	Peaty Soil	1	4	1	4	Negligible
185	Point	243519.91	680954.11	0.80	Peat	Granular		4.38	Thin Peat	2	4	1	8	Low
186	Point	243609.85	681046.33	1.80	Peat	Granular		2.43	Thick Peat	3	2	1	6	Low
187	Point	243615.55	680954.11	0.70	Peat	Granular		4.01	Thin Peat	2	4	1	8	Low
188	Point	243704.15	681149.58	2.00	Peat	Granular		1.38	Thick Peat	3	1	1	3	Negligible
189	Point	243615.27	681140.37	1.40	Peat	Granular		0.65	Thin Peat	2	1	1	2	Negligible
190	Point	243521.37	681141.93	0.70	Peat	Granular		0.50	Thin Peat	2	1	1	2	Negligible
191	Point	243411.18	681167.84	2.40	Peat	Granular		0.49	Thick Peat	3	1	1	3	Negligible
192	Point	243231.22	681160.65	0.40	Peat	Granular		4.68	Peaty Soil	1	4	1	4	Negligible
193	Point	244022.84	681160.30	0.40	Peat	Granular		3.33	Peaty Soil	1	2	1	2	Negligible
194	Point	243924.96	681049.29	0.30	Peat	Granular		2.70	Peaty Soil	1	2	1	2	Negligible
195	Point	243911.70	680944.86	2.10	Peat	Granular		2.10	Thick Peat	3	2	1	6	Low
196	Point	243607.22	680547.36	0.40	Peat	Granular		14.02	Peaty Soil	1	8	1	8	Low
197	Point	243495.72	680549.73	0.30	Peat	Granular		14.22	Peaty Soil	1	8	1	8	Low
198	Point	243973.07	680754.74	0.20	Superficial	Granular		5.65	Peaty Soil	1	4	1	4	Negligible
199	Point	244014.07	680748.90	0.20	Peat	Granular		6.80	Peaty Soil	1	4	1	4	Negligible
200	Point	244014.72	680855.91	1.20	Peat	Granular		2.14	Thin Peat	2	2	1	4	Negligible
201	Point	244102.73	680853.06	2.40	Peat	Granular		1.68	Thick Peat	3	1	1	3	Negligible
202	Point	244092.67	680959.66	0.10	Superficial	Granular		3.86	Peaty Soil	1	2	1	2	Negligible
203	Point	244202.43	680953.27	0.80	Peat	Granular		1.76	Thin Peat	2	1	1	2	Negligible
204	Point	244319.58	681044.84	1.10	Peat	Granular		3.03	Thin Peat	2	2	1	4	Negligible
205	Point	244308.88	681072.07	0.80	Peat	Granular		1.60	Thin Peat	2	1	1	2	Negligible
206	Point	244130.59	681056.65	0.30	Peat	Granular		2.45	Peaty Soil	1	2	1	2	Negligible
207	Point	244033.37	680658.92	0.30	Soil	Granular		6.31	Peaty Soil	1	4	1	4	Negligible
208	Point	244510.78	681155.65	0.50	Peat	Granular		3.41	Peaty Soil	1	2	1	2	Negligible
209	Point	244498.30	680974.51	0.30	Soil	Granular		3.65	Peaty Soil	1	2	1	2	Negligible
210	Point	244515.97	680852.81	0.90	Peat	Granular		2.78	Thin Peat	2	2	1	4	Negligible
211	Point	244521.61	680743.99	0.30	Soil	Granular		6.46	Peaty Soil	1	4	1	4	Negligible
212	Point	244520.93	680647.28	1.50	Peat	Granular		5.85	Thin Peat	2	4	1	8	Low
213	Point	244615.90	680548.23	1.80	Peat	Granular		2.12	Thick Peat	3	2	1	6	Low
214	Point	244707.65	680547.33	1.50	Peat	Granular		2.75	Thin Peat	2	2	1	4	Negligible
215	Point	244806.74	680556.39	0.70	Peat	Granular		1.81	Thin Peat	2	1	1	2	Negligible
216	Point	244903.81	680550.10	0.90	Peat	Granular		1.12	Thin Peat	2	1	1	2	Negligible
217	Point	245311.14	680631.81	0.60	Peat	Granular		6.15	Thin Peat	2	4	1	8	Low
218	Point	245214.40	680650.14	1.80	Peat	Granular		2.29	Thick Peat	3	2	1	6	Low
219	Point	245123.47	680650.63	0.70	Peat	Granular		1.96	Thin Peat	2	1	1	2	Negligible
220	Point	245009.02	680651.22	1.00	Peat	Granular		2.58	Thin Peat	2	2	1	4	Negligible
221	Point	244910.15	680630.83	0.50	Peat	Granular		6.41	Peaty Soil	1	4	1	4	Negligible
222	Point	244803.21	680637.47	0.60	Peat	Granular		9.67	Thin Peat	2	6	1	12	Low
223	Point	244710.26	680639.89	0.10	Soil	Rock		7.18	Peaty Soil	1	4	2	8	Low
224	Point													

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
251	Point	244611.67	680973.02	0.70	Peat	Granular		3.06	Thin Peat	2	2	1	4	Negligible
252	Point	244711.58	680951.82	0.40	Soil	Granular		2.49	Peaty Soil	1	2	1	2	Negligible
253	Point	244715.89	681041.11	0.30	Soil	Granular		4.51	Thin Peat	1	4	1	4	Negligible
254	Point	244623.76	681048.71	0.40	Soil	Granular		3.88	Peaty Soil	1	2	1	2	Negligible
255	Point	244607.75	681143.98	0.20	Soil	Granular		4.94	Peaty Soil	1	4	1	4	Negligible
256	Point	244312.99	681055.29	0.70	Peat	Granular		2.16	Thin Peat	2	2	1	4	Negligible
257	Point	244199.19	680768.83	0.30	Soil	Granular		9.73	Peaty Soil	1	6	1	6	Low
258	Point	244305.56	680750.02	0.90	Peat	Granular		1.90	Thin Peat	2	1	1	2	Negligible
259	Point	244496.12	680753.89	0.30	Soil	Rock		4.04	Peaty Soil	1	4	2	8	Low
260	Point	244410.85	680800.83	0.20	Peat	Granular		0.55	Thin Peat	2	1	1	2	Negligible
261	Point	244319.32	680847.85	0.20	Soil	Granular		5.60	Peaty Soil	1	4	1	4	Negligible
262	Point	244407.84	680941.94	0.30	Soil	Granular		5.54	Peaty Soil	1	4	1	4	Negligible
263	Point	244806.71	681054.92	0.80	Peat	Granular		4.19	Thin Peat	2	4	1	8	Low
264	Point	244906.65	681042.03	0.40	Soil	Granular		3.49	Peaty Soil	1	2	1	2	Negligible
265	Point	245009.39	681048.73	0.40	Soil	Granular		3.66	Peaty Soil	1	2	1	2	Negligible
266	Point	245101.37	681048.76	0.40	Soil	Granular		4.84	Peaty Soil	1	4	1	4	Negligible
267	Point	245235.54	681157.20	0.40	Soil	Granular		4.61	Peaty Soil	1	4	1	4	Negligible
268	Point	245209.16	681147.00	0.40	Soil	Granular		3.78	Peaty Soil	1	2	1	2	Negligible
269	Point	245109.82	681153.36	0.60	Peat	Granular		5.23	Thin Peat	2	4	1	8	Low
270	Point	245015.11	681152.87	0.60	Peat	Granular		4.40	Thin Peat	2	4	1	8	Low
271	Point	244906.96	681148.78	0.60	Peat	Granular		4.64	Thin Peat	2	4	1	8	Low
272	Point	244809.51	681150.07	0.20	Soil	Granular		5.89	Peaty Soil	1	4	1	4	Negligible
273	Point	244711.11	681151.02	0.70	Peat	Granular		5.15	Thin Peat	2	4	1	8	Low
274	Point	244189.71	680553.87	0.40	Soil	Granular		2.31	Peaty Soil	1	2	1	2	Negligible
275	Point	243902.47	680546.45	1.00	Peat	Granular		9.94	Thin Peat	2	6	1	12	Low
276	Point	243698.52	680546.45	0.40	Soil	Granular		10.35	Peaty Soil	1	6	1	6	Low
277	Point	243243.14	680556.20	0.20	Soil	Granular		5.99	Peaty Soil	1	4	1	4	Negligible
278	Point	243251.40	680605.22	0.30	Peat	Granular		4.95	Peaty Soil	1	4	1	4	Negligible
279	Point	243281.24	680644.85	0.70	Peat	Granular		5.27	Thin Peat	2	4	1	8	Low
280	Point	243235.19	680665.18	0.50	Peat	Granular		5.00	Peaty Soil	1	4	1	4	Negligible
281	Point	243373.07	680683.66	0.80	Peat	Granular		5.10	Thin Peat	2	4	1	8	Low
282	Point	243385.61	680699.45	0.40	Soil	Granular		5.41	Peaty Soil	1	4	1	4	Negligible
283	Point	243408.38	680711.62	0.40	Peat	Granular		6.15	Peaty Soil	1	4	1	4	Negligible
284	Point	243419.35	680700.95	0.50	Soil	Granular		7.23	Peaty Soil	1	4	1	4	Negligible
285	Point	243441.91	680697.03	0.30	Soil	Granular		5.53	Peaty Soil	1	4	1	4	Negligible
286	Point	243464.28	680708.60	0.50	Peat	Granular		5.48	Peaty Soil	1	4	1	4	Negligible
287	Point	243498.58	680709.58	0.70	Peat	Granular		5.86	Thin Peat	2	4	1	8	Low
288	Point	243506.52	680714.55	0.50	Soil	Granular		5.85	Peaty Soil	1	4	1	4	Negligible
289	Point	243516.15	680719.17	0.30	Soil	Granular		5.85	Peaty Soil	1	4	1	4	Negligible
290	Point	243525.50	680722.18	0.30	Soil	Granular		5.85	Peaty Soil	1	4	1	4	Negligible
291	Point	243533.98	680726.32	0.40	Soil	Granular		5.75	Peaty Soil	1	4	1	4	Negligible
292	Point	243542.73	680731.13	0.30	Soil	Granular		4.91	Peaty Soil	1	4	1	4	Negligible
293	Point	243418.81	680688.84	0.40	Peat	Granular		5.89	Peaty Soil	1	4	1	4	Negligible
294	Point	243398.30	680678.25	0.70	Peat	Granular		4.94	Thin Peat	2	4	1	8	Low
295	Point	243041.47	680552.02	0.30	Peat	Granular		4.27	Peaty Soil	1	4	1	4	Negligible
296	Point	243089.99	680556.41	0.10	Peat	Granular		4.62	Peaty Soil	1	4	1	4	Negligible
297	Point	243142.38	680558.31	0.40	Peat	Granular		3.71	Peaty Soil	1	2	1	2	Negligible
298	Point	243187.74	680561.45	0.30	Peat	Granular		3.82	Peaty Soil	1	2	1	2	Negligible
299	Point	243198.28	680607.37	0.50	Peat	Granular		3.27	Peaty Soil	1	2	1	2	Negligible
300	Point	243219.01	680651.44	0.80	Peat	Granular		2.56	Thin Peat	2	2	1	4	Negligible
301	Point	243255.67	680685.94	0.10	Peat	Granular		2.70	Peaty Soil	1	2	1	2	Negligible
302	Point	243299.56	680710.14	0.90	Peat	Granular		2.95	Thin Peat	2	2	1	4	Negligible
303	Point	243347.95	680725.59	0.50	Peat	Granular		4.87	Peaty Soil	1	4	1	4	Negligible
304	Point	243371.65	680721.64	0.40	Peat	Granular		6.16	Peaty Soil	1	4	1	4	Negligible
305	Point	243395.82	680742.02	0.40	Peat	Granular		2.92	Peaty Soil	1	2	1	2	Negligible
306	Point	243418.45	680744.73	0.20	Peat	Granular		2.94	Peaty Soil	1	2	1	2	Negligible
307	Point	243441.56	680758.17	0.50	Peat	Granular		1.62	Peaty Soil	1	1	1	1	Negligible
308	Point	243473.43	680764.55	0.20	Peat	Granular		2.17	Peaty Soil	1	2	1	2	Negligible
309	Point	243482.99	680767.91	0.40	Peat	Granular		3.14	Peaty Soil	1	2	1	2	Negligible
310	Point	243492.18	680772.30	0.20	Peat	Granular		3.11	Peaty Soil	1	2	1	2	Negligible
311	Point	243500.61	680777.00	0.40	Peat	Granular		3.25	Peaty Soil	1	2	1	2	Negligible
312	Point	243510.14	680781.82	0.30	Peat	Granular		4.45	Peaty Soil	1	4	1	4	Negligible
313	Point	243518.36	680786.22	0.20	Peat	Granular		5.09	Peaty Soil	1	4	1	4	Negligible
314	Point	243527.62	680788.83	0.40	Peat	Granular		4.92	Peaty Soil	1	4	1	4	Negligible
315	Point	243531.73	680781.09	0.50	Peat	Granular		4.88	Peaty Soil	1	4	1	4	Negligible
316	Point	243535.42	680772.02	0.10	Peat	Granular		3.95	Peaty Soil	1	2	1	2	Negligible
317	Point	243527.84	680767.68	0.50	Peat	Granular		3.98	Peaty Soil	1	2	1	2	Negligible
318	Point	243523.09	680775.05	0.10	Peat	Granular		3.94	Peaty Soil	1	2	1	2	Negligible
319	Point	243514.49	680772.67	0.10	Peat	Granular		4.01	Peaty Soil	1	4	1	4	Negligible
320	Point	243519.05	680763.39	0.30	Peat	Granular		4.05	Peaty Soil	1	4	1	4	Negligible
321	Point	243509.04	680759.19	0.50	Peat	Granular		4.09	Peaty Soil	1	4	1	4	Negligible
322	Point	243505.15	680767.48	0.10	Peat	Granular		4.02	Peaty Soil	1	4	1	4	Negligible
323	Point	243496.11	680763.74	0.10	Peat	Granular		3.93	Peaty Soil	1	2	1	2	Negligible
324	Point	243500.20	680754.16	0.30	Peat	Granular		4.23	Peaty Soil	1	4	1	4	Negligible
325	Point	243491.06	680751.11	0.30	Peat	Granular		3.88	Peaty Soil	1	2	1	2	Negligible
326	Point	243487.38	680759.68	0.20	Peat	Granular		3.78	Peaty Soil	1	2	1	2	Negligible
327	Point	243478.16	680756.60	0.20	Peat	Granular		3.52	Peaty Soil	1	2	1	2	Negligible
328	Point	243482.94	680747.16	0.20	Peat	Granular		3.55	Peaty Soil	1	2	1	2	Negligible
329	Point	243479.49	680721.58	0.10	Peat	Granular		5.68	Peaty Soil	1	4	1	4	Negligible
330	Point	243494.26	680719.97	0.40	Peat	Granular		3.78	Peaty Soil	1	4	1	4	Negligible
331	Point	243503.63	680712.82	0.50	Peat	Granular		5.85	Peaty Soil	1	4	1	4	Negligible
332	Point	243510.81	680728.91	0.30	Peat	Granular		5.83	Peaty Soil	1	4	1	4	Negligible
333	Point	243520.00	680731.88	0.20	Peat	Granular		5.26	Peaty Soil	1	4	1	4	Negligible
334	Point	243530.65	680734.49	0.10	Peat	Granular		5.12	Peaty Soil	1	4	1	4	Negligible
335	Point	243538.40	680740.22	0.30	Peat	Granular		4.64	Peaty Soil	1	4	1	4	Negligible
336	Point	243547.70	680743.95	0.30	Peat	Granular		4.95	Peaty Soil	1	4	1	4	Negligible
337	Point	243552.45	680736.11	0.20	Peat	Granular		4.95	Peaty Soil	1	4	1	4	Negligible
338	Point	243223.26	680955.92	0.80	Peat	Granular		6.03	Thin Peat	2	4	1	8	Low
339	Point	243240.99	680639.86	0.50	Peat	Granular		3.60	Peaty Soil	1	2	1	2	Negligible
340	Point	243278.49	680674.75	0.40	Soil	Granular		1.84	Peaty Soil	1	1	1	1	Negligible
341	Point	243325.30	680691.28	0.40	Soil	Granular		5.41	Peaty Soil	1	4	1	4	Negligible
342	Point	243372.18	680709.20	0.80	Peat	Granular		5.36	Thin Peat	2	4	1	8	Low
343	Point	243417.93	680728.89	0.50	Peat	Granular		6.01	Peaty Soil	1	4	1	4	Negligible
344	Point	243408.56	680712.58	0.60	Peat	Granular		6.15	Thin Peat	2	4	1	8	Low
345	Point	243386.15	680699.40	0.70	Peat	Granular		5.41	Thin Peat	2	4	1	8	Low
346	Point	243430.28	680721.57	0.50	Peat	Granular		6.74	Peaty Soil	1	4	1	4	Negligible
347	Point	243455.72	680732.49	0.40	Soil	Granular		5.36	Peaty Soil	1	4	1	4	Negligible
348	Point	243466.42	680747.37	0.30	Soil	Granular		3.77	Peaty Soil	1	2	1	2	Negligible
349	Point	243479.30												

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
376	Point	243766.24	679987.78	0.50	Peat	Granular		4.53	Peaty Soil	1	4	1	4	Negligible
377	Point	243808.12	680009.60	0.20	Peat	Granular		6.52	Peaty Soil	1	4	1	4	Negligible
378	Point	243852.99	680032.41	0.30	Peat	Granular		1.63	Peaty Soil	1	1	1	1	Negligible
379	Point	243897.86	680055.01	0.40	Peat	Granular		1.97	Peaty Soil	1	1	1	1	Negligible
380	Point	243802.78	680005.25	0.20	Peat	Granular		6.54	Peaty Soil	1	4	1	4	Negligible
381	Point	243792.57	680011.47	0.60	Peat	Granular		6.32	Thin Peat	2	4	1	8	Low
382	Point	243782.82	680016.70	0.30	Peat	Granular		6.33	Peaty Soil	1	4	1	4	Negligible
383	Point	243772.45	680022.05	0.40	Peat	Granular		6.28	Peaty Soil	1	4	1	4	Negligible
384	Point	243761.84	680026.77	0.40	Peat	Granular		4.88	Peaty Soil	1	4	1	4	Negligible
385	Point	243751.13	680031.03	0.20	Peat	Granular		4.29	Peaty Soil	1	4	1	4	Negligible
386	Point	243741.09	680039.12	0.50	Peat	Granular		2.94	Peaty Soil	1	2	1	2	Negligible
387	Point	243063.42	680401.11	0.50	Peat	Granular		3.81	Peaty Soil	1	2	1	2	Negligible
388	Point	243059.16	680414.40	0.10	Peat	Granular		4.93	Peaty Soil	1	4	1	4	Negligible
389	Point	243058.76	680432.52	0.20	Peat	Granular		5.95	Peaty Soil	1	4	1	4	Negligible
390	Point	243058.53	680465.89	0.20	Peat	Granular		5.95	Peaty Soil	1	4	1	4	Negligible
391	Point	243052.48	680488.50	0.30	Peat	Granular		5.21	Peaty Soil	1	4	1	4	Negligible
392	Point	243084.43	680497.70	0.20	Peat	Granular		5.33	Peaty Soil	1	4	1	4	Negligible
393	Point	243099.67	680468.55	0.40	Peat	Granular		5.42	Peaty Soil	1	4	1	4	Negligible
394	Point	243119.36	680422.86	0.30	Peat	Rock		5.88	Peaty Soil	1	4	2	8	Low
395	Point	243132.53	680411.93	0.40	Peat	Granular		1.35	Peaty Soil	1	1	1	1	Negligible
396	Point	243153.31	680421.60	0.40	Peat	Granular		1.15	Peaty Soil	1	1	1	1	Negligible
397	Point	243149.00	680441.82	0.30	Peat	Granular		5.82	Peaty Soil	1	4	1	4	Negligible
398	Point	243141.51	680471.48	0.40	Peat	Granular		5.45	Peaty Soil	1	4	1	4	Negligible
399	Point	243136.19	680494.35	0.40	Peat	Granular		5.10	Peaty Soil	1	4	1	4	Negligible
400	Point	243157.90	680509.47	0.50	Peat	Granular		5.10	Peaty Soil	1	4	1	4	Negligible
401	Point	243170.25	680485.79	0.40	Peat	Granular		5.10	Peaty Soil	1	4	1	4	Negligible
402	Point	243181.70	680447.40	0.40	Peat	Granular		1.15	Peaty Soil	1	1	1	1	Negligible
403	Point	243188.69	680425.63	0.90	Peat	Granular		1.62	Thin Peat	2	1	1	2	Negligible
404	Point	243695.76	679925.82	0.50	Superficial	Granular		3.61	Peaty Soil	1	2	1	2	Negligible
405	Point	243751.20	679923.86	0.50	Superficial	Granular		4.58	Peaty Soil	1	4	1	4	Negligible
406	Point	243736.64	679947.24	0.70	Peat	Granular		3.71	Thin Peat	2	2	1	4	Negligible
407	Point	243785.60	679949.58	0.40	Superficial	Granular		5.48	Peaty Soil	1	4	1	4	Negligible
408	Point	243780.30	679958.61	0.40	Superficial	Granular		5.38	Peaty Soil	1	4	1	4	Negligible
409	Point	243826.60	679983.40	0.30	Superficial	Rock		8.79	Peaty Soil	1	6	2	12	Low
410	Point	243839.43	679971.67	0.30	Superficial	Granular		8.34	Peaty Soil	1	6	1	6	Low
411	Point	243878.44	680000.55	0.20	Superficial	Granular		4.22	Peaty Soil	1	4	1	4	Negligible
412	Point	243864.95	680014.56	0.20	Superficial	Granular		2.87	Peaty Soil	1	2	1	2	Negligible
413	Point	243930.13	680017.56	0.20	Superficial	Granular		0.43	Peaty Soil	1	1	1	1	Negligible
414	Point	243805.25	680013.86	0.20	Superficial	Granular		6.44	Peaty Soil	1	4	1	4	Negligible
415	Point	243794.16	680030.55	0.40	Superficial	Granular		3.95	Peaty Soil	1	2	1	2	Negligible
416	Point	243823.68	680045.90	0.20	Superficial	Granular		2.74	Peaty Soil	1	2	1	2	Negligible
417	Point	243832.68	680064.96	0.20	Superficial	Granular		4.36	Peaty Soil	1	4	1	4	Negligible
418	Point	243783.43	680044.87	0.20	Superficial	Granular		4.01	Peaty Soil	1	4	1	4	Negligible
419	Point	243812.65	680056.24	0.20	Superficial	Granular		2.89	Peaty Soil	1	2	1	2	Negligible
420	Point	243757.83	680049.40	0.20	Superficial	Granular		5.39	Peaty Soil	1	4	1	4	Negligible
421	Point	243037.61	680411.75	0.20	Superficial	Granular		4.93	Peaty Soil	1	4	1	4	Negligible
422	Point	243040.36	680434.80	0.20	Superficial	Rock		5.98	Peaty Soil	1	4	2	8	Low
423	Point	243036.95	680456.15	0.10	Superficial	Rock		5.93	Peaty Soil	1	4	2	8	Low
424	Point	243035.33	680473.18	0.10	Superficial	Rock		5.91	Peaty Soil	1	4	2	8	Low
425	Point	243004.96	680476.96	0.40	Superficial	Granular		5.91	Peaty Soil	1	4	1	4	Negligible
426	Point	242976.90	680468.11	0.10	Superficial	Granular		5.91	Peaty Soil	1	4	1	4	Negligible
427	Point	242955.13	680466.91	0.10	Superficial	Granular		4.42	Peaty Soil	1	4	1	4	Negligible
428	Point	242926.88	680472.68	0.30	Superficial	Granular		4.24	Peaty Soil	1	4	1	4	Negligible
429	Point	242933.66	680436.47	0.10	Superficial	Granular		3.67	Peaty Soil	1	2	1	2	Negligible
430	Point	242966.03	680438.75	0.20	Superficial	Granular		5.94	Peaty Soil	1	4	1	4	Negligible
431	Point	242995.94	680439.79	0.20	Superficial	Granular		5.93	Peaty Soil	1	4	1	4	Negligible
432	Point	243037.86	680445.00	0.20	Superficial	Granular		5.98	Peaty Soil	1	4	1	4	Negligible
433	Point	242970.96	680410.68	0.30	Superficial	Granular		4.08	Peaty Soil	1	4	1	4	Negligible
434	Point	243003.58	680415.84	0.30	Superficial	Granular		5.97	Peaty Soil	1	4	1	4	Negligible
435	Point	242936.75	680412.18	0.20	Superficial	Granular		3.83	Peaty Soil	1	2	1	2	Negligible
436	Point	243068.65	680421.12	0.40	Superficial	Granular		5.95	Peaty Soil	1	4	1	4	Negligible
437	Point	243071.77	680440.78	0.30	Superficial	Granular		5.96	Peaty Soil	1	4	1	4	Negligible
438	Point	243069.00	680463.78	0.20	Superficial	Granular		5.94	Peaty Soil	1	4	1	4	Negligible
439	Point	243063.32	680492.64	0.30	Superficial	Granular		5.19	Peaty Soil	1	4	1	4	Negligible
440	Point	242946.00	680383.49	0.40	Superficial	Granular		3.72	Peaty Soil	1	2	1	2	Negligible
441	Point	242990.62	680394.69	0.20	Superficial	Granular		3.79	Peaty Soil	1	2	1	2	Negligible
442	Point	243080.81	680400.39	0.20	Superficial	Granular		3.81	Peaty Soil	1	2	1	2	Negligible
443	Point	243023.27	680396.23	0.20	Superficial	Granular		3.80	Peaty Soil	1	2	1	2	Negligible
444	Point	242956.25	680416.54	0.20	Superficial	Granular		4.08	Peaty Soil	1	4	1	4	Negligible
445	Point	242735.06	680339.31	0.10	Superficial	Rock		5.04	Peaty Soil	1	4	2	8	Low
446	Point	242749.53	680284.52	0.10	Superficial	Rock		7.07	Peaty Soil	1	4	2	8	Low
447	Point	242781.79	680277.91	0.10	Superficial	Rock		9.88	Peaty Soil	1	6	2	12	Low
448	Point	242820.46	680290.66	0.10	Superficial	Rock		7.71	Peaty Soil	1	4	2	8	Low
449	Point	242848.53	680301.50	0.10	Superficial	Rock		6.49	Peaty Soil	1	4	2	8	Low
450	Point	242872.61	680311.73	0.10	Superficial	Rock		5.81	Peaty Soil	1	4	2	8	Low
451	Point	242890.41	680347.12	0.10	Superficial	Rock		4.82	Peaty Soil	1	4	2	8	Low
452	Point	242851.28	680328.70	0.10	Superficial	Rock		5.08	Peaty Soil	1	4	2	8	Low
453	Point	242822.09	680333.76	0.00	rock	Rock		3.37	No Peat	0	2	2	0	None
454	Point	242811.60	680339.50	0.00	rock	Rock		7.00	No Peat	0	4	2	0	None
455	Point	242771.49	680317.66	0.00	rock	Rock		9.05	No Peat	0	6	2	0	None
456	Point	242756.90	680323.35	0.10	Superficial	Rock		8.67	Peaty Soil	1	6	2	12	Low
457	Point	242791.08	680333.32	0.10	Superficial	Rock		10.40	Peaty Soil	1	6	2	12	Low
458	Point	242753.74	680304.74	0.10	Superficial	Rock		8.13	Peaty Soil	1	6	2	12	Low
459	Point	242779.17	680294.88	0.10	Superficial	Granular		10.37	Peaty Soil	1	6	1	6	Low
460	Point	242852.88	680347.93	0.10	Superficial	Rock		3.37	Peaty Soil	1	2	2	4	Negligible
461	Point	243052.56	679953.02	0.60	Peat	Granular		2.13	Thin Peat	2	2	1	4	Negligible
462	Point	243194.51	680469.79	0.90	Peat	Granular		5.43	Thin Peat	2	4	1	8	Low
463	Point	243195.19	680351.55	0.30	Superficial	Granular		4.36	Peaty Soil	1	4	1	4	Negligible
464	Point	243124.60	680362.93	0.30	Superficial	Granular		9.87	Peaty Soil	1	6	1	6	Low
465	Point	243117.77	680447.19	0.30	Superficial	Granular		5.72	Peaty Soil	1	4	1	4	Negligible
466	Point	243200.10	680258.97	0.10	Superficial	Granular		6.64	Peaty Soil	1	4	1	4	Negligible
467	Point	243120.40	680254.41	0.10	Superficial	Granular		6.24	Peaty Soil	1	4	1	4	Negligible
468	Point	243032.68	680250.09	0.20	Superficial	Granular		15.31	Peaty Soil	1	8	1	8	Low
469	Point	242931.12	680146.18	0.10	Superficial	Granular		8.60	Peaty Soil	1	6	1	6	Low
470	Point	242830.93	680137.07	0.10	Superficial	Granular		11.83	Peaty Soil	1	6	1	6	Low
471	Point	242922.01	679973.12	0.10	Superficial	Granular		2.14	Peaty Soil	1	2	1	2	Negligible
472	Point	242916.07	680245.99	0.00	Superficial	Granular		8.24	No Peat	0	6	1	0	None
473	Point	242817.94	680260.71	0.00	Superficial	Granular		10.43	No Peat	0	6	1	0	None
474														

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
501	Point	244223.22	680250.86	0.40	Soil	Granular		5.89	Peaty Soil	1	4	1	4	Negligible
502	Point	244204.34	680157.59	0.30	Soil	Granular		2.67	Peaty Soil	1	2	1	2	Negligible
503	Point	244201.27	680035.53	0.10	Soil	Granular		2.95	Peaty Soil	1	2	1	2	Negligible
504	Point	244023.85	680365.98	1.70	Soil	Granular		9.42	Thick Peat	3	6	1	18	Medium
505	Point	244013.91	680246.66	1.30	Soil	Granular		3.74	Thin Peat	2	2	1	4	Negligible
506	Point	244013.91	680147.23	1.10	Soil	Granular		1.96	Thin Peat	2	1	1	2	Negligible
507	Point	243998.99	680057.75	1.40	Soil	Granular		1.96	Thin Peat	2	1	1	2	Negligible
508	Point	244018.88	679943.40	1.60	Soil	Granular		6.66	Thick Peat	3	4	1	12	Low
509	Point	244525.08	680445.30	3.00	Peat	Granular		0.42	Thick Peat	3	1	1	3	Negligible
510	Point	244528.16	680323.02	0.70	Peat	Granular		1.45	Thin Peat	2	1	1	2	Negligible
511	Point	244523.72	680204.20	2.80	Peat	Granular		2.84	Thick Peat	3	2	1	6	Low
512	Point	244607.11	680249.80	1.80	Peat	Granular		1.06	Thick Peat	3	1	1	3	Negligible
513	Point	244618.12	680347.44	1.30	Peat	Granular		1.72	Thin Peat	2	1	1	2	Negligible
514	Point	244608.70	680438.02	1.50	Peat	Granular		0.48	Thin Peat	2	1	1	2	Negligible
515	Point	245103.15	680531.42	0.50	Peat	Granular		1.91	Peaty Soil	1	1	1	1	Negligible
516	Point	245200.42	680449.56	0.80	Peat	Granular		3.52	Thin Peat	2	2	1	4	Negligible
517	Point	245224.22	680529.66	0.50	Peat	Granular		1.64	Peaty Soil	1	1	1	1	Negligible
518	Point	245312.92	680516.26	0.70	Peat	Granular		4.74	Thin Peat	2	4	1	8	Low
519	Point	243611.40	680034.07	0.30	Soil	Granular		5.47	Peaty Soil	1	4	1	4	Negligible
520	Point	243612.89	680140.97	0.70	Peat	Granular		7.11	Thin Peat	2	4	1	8	Low
521	Point	243611.90	680239.60	0.80	Peat	Granular		3.19	Thin Peat	2	2	1	4	Negligible
522	Point	243608.61	680344.07	0.40	Soil	Granular		3.38	Peaty Soil	1	2	1	2	Negligible
523	Point	243801.10	680447.11	0.60	Peat	Granular		4.03	Thin Peat	2	4	1	8	Low
524	Point	243809.89	680355.51	1.60	Peat	Granular		3.20	Thick Peat	3	2	1	6	Low
525	Point	243810.80	680254.47	0.20	Soil	Granular		5.32	Peaty Soil	1	4	1	4	Negligible
526	Point	243809.28	680155.01	0.80	Peat	Granular		2.96	Thin Peat	2	2	1	4	Negligible
527	Point	243814.41	680044.16	0.30	Soil	Granular		2.77	Peaty Soil	1	2	1	2	Negligible
528	Point	243809.65	679955.95	0.40	Soil	Granular		5.97	Peaty Soil	1	4	1	4	Negligible
529	Point	244714.10	679941.25	1.70	Peat	Granular		5.30	Thick Peat	3	4	1	12	Low
530	Point	244811.58	679942.75	0.90	Peat	Granular		6.53	Thin Peat	2	4	1	8	Low
531	Point	244909.74	679943.30	1.80	Peat	Granular		4.72	Thick Peat	3	4	1	12	Low
532	Point	245024.68	679949.93	0.70	Peat	Granular		5.33	Thin Peat	2	4	1	8	Low
533	Point	245008.60	680060.15	2.70	Peat	Granular		2.71	Thick Peat	3	2	1	6	Low
534	Point	245097.19	680041.64	1.90	Peat	Granular		0.19	Thick Peat	3	6	1	18	Medium
535	Point	245109.44	680142.21	0.70	Peat	Granular		4.22	Thin Peat	2	4	1	8	Low
536	Point	244913.66	680138.25	1.70	Peat	Granular		4.06	Thick Peat	3	4	1	12	Low
537	Point	244915.18	680053.76	1.90	Peat	Granular		2.11	Thick Peat	3	2	1	6	Low
538	Point	244818.20	680042.78	2.50	Peat	Granular		1.96	Thick Peat	3	1	1	3	Negligible
539	Point	244808.85	680135.76	1.90	Peat	Granular		4.90	Thick Peat	3	4	1	12	Low
540	Point	244716.53	680043.28	3.00	Peat	Granular		2.58	Thick Peat	3	2	1	6	Low
541	Point	244302.87	679987.11	2.00	Peat	Granular		2.04	Thick Peat	3	2	1	6	Low
542	Point	244302.71	680146.61	0.40	Superficial	Granular		4.41	Peaty Soil	1	4	1	4	Negligible
543	Point	244310.06	680234.91	0.40	Superficial	Granular		3.40	Peaty Soil	1	2	1	2	Negligible
544	Point	244315.19	680405.01	1.10	Superficial	Granular		3.60	Thin Peat	2	2	1	4	Negligible
545	Point	244296.90	680455.03	2.20	Superficial	Granular		1.49	Thick Peat	3	1	1	3	Negligible
546	Point	244119.27	680441.22	0.40	Peat	Granular		2.80	Peaty Soil	1	2	1	2	Negligible
547	Point	244113.95	680357.49	0.80	Peat	Granular		5.73	Thin Peat	2	4	1	8	Low
548	Point	244124.21	680247.02	0.30	Superficial	Granular		4.20	Peaty Soil	1	4	1	4	Negligible
549	Point	244103.62	680158.45	0.30	Peat	Granular		2.01	Peaty Soil	1	2	1	2	Negligible
550	Point	244121.48	680065.34	0.70	Peat	Granular		1.88	Thin Peat	2	1	1	2	Negligible
551	Point	244115.97	679967.69	0.40	Superficial	Granular		4.05	Peaty Soil	1	4	1	4	Negligible
552	Point	243913.52	679946.90	1.20	Peat	Granular		7.92	Thin Peat	2	4	1	8	Low
553	Point	243908.66	680044.02	0.80	Peat	Granular		1.25	Thin Peat	2	1	1	2	Negligible
554	Point	243909.87	680148.42	0.20	Superficial	Granular		0.51	Peaty Soil	1	1	1	1	Negligible
555	Point	243913.56	680252.60	0.20	Superficial	Granular		4.00	Peaty Soil	1	4	1	4	Negligible
556	Point	243910.97	680347.36	1.00	Peat	Granular		8.35	Thin Peat	2	6	1	12	Low
557	Point	243898.83	680442.85	1.30	Peat	Granular		3.17	Thin Peat	2	2	1	4	Negligible
558	Point	243703.38	680444.48	0.10	Superficial	Granular		3.14	Peaty Soil	1	2	1	2	Negligible
559	Point	243704.59	680349.78	1.00	Peat	Granular		1.98	Thick Peat	3	1	1	3	Negligible
560	Point	243714.30	680259.95	0.30	Superficial	Granular		3.10	Peaty Soil	1	2	1	2	Negligible
561	Point	243731.63	680146.31	0.40	Superficial	Granular		4.30	Peaty Soil	1	4	1	4	Negligible
562	Point	243695.29	680071.32	0.30	Superficial	Granular		1.83	Peaty Soil	1	1	1	1	Negligible
563	Point	243724.30	679947.21	0.70	Peat	Granular		3.71	Thin Peat	2	2	1	4	Negligible
564	Point	243517.92	680063.76	0.50	Superficial	Granular		14.13	Peaty Soil	1	8	1	8	Low
565	Point	243504.77	680149.39	0.30	Soil	Granular		3.59	Peaty Soil	1	2	1	2	Negligible
566	Point	243507.20	680258.65	0.40	Superficial	Granular		3.43	Peaty Soil	1	2	1	2	Negligible
567	Point	243514.48	680348.48	0.80	Peat	Granular		5.12	Thin Peat	2	4	1	8	Low
568	Point	243196.48	679907.95	0.10	Peat	Granular		9.95	Peaty Soil	1	6	1	6	Low
569	Point	243148.65	679913.05	0.10	Peat	Granular		7.09	Peaty Soil	1	4	1	4	Negligible
570	Point	243117.36	679930.64	0.90	Peat	Granular		2.38	Thin Peat	2	2	1	4	Negligible
571	Point	243096.76	679923.93	0.70	Peat	Granular		3.90	Thin Peat	2	2	1	4	Negligible
572	Point	243088.40	679934.82	0.20	Peat	Granular		3.72	Peaty Soil	1	2	1	2	Negligible
573	Point	243073.79	679923.04	0.30	Peat	Granular		4.28	Peaty Soil	1	4	1	4	Negligible
574	Point	243055.21	679911.94	0.50	Peat	Granular		5.45	Peaty Soil	1	4	1	4	Negligible
575	Point	243056.10	679921.73	0.10	Peat	Granular		4.58	Peaty Soil	1	4	1	4	Negligible
576	Point	243047.26	679923.19	0.10	Peat	Granular		5.65	Peaty Soil	1	4	1	4	Negligible
577	Point	243057.67	679931.44	0.50	Peat	Granular		3.85	Peaty Soil	1	2	1	2	Negligible
578	Point	243047.53	679931.50	0.20	Peat	Granular		3.47	Peaty Soil	1	2	1	2	Negligible
579	Point	243044.93	679913.93	0.20	Peat	Granular		5.79	Peaty Soil	1	4	1	4	Negligible
580	Point	243035.37	679915.38	0.10	Peat	Granular		3.79	Peaty Soil	1	4	1	4	Negligible
581	Point	243036.90	679923.29	0.10	Peat	Granular		5.85	Peaty Soil	1	4	1	4	Negligible
582	Point	243038.10	679934.94	0.70	Peat	Granular		3.77	Thin Peat	2	2	1	4	Negligible
583	Point	243028.17	679935.90	0.70	Peat	Granular		1.60	Thin Peat	2	1	1	2	Negligible
584	Point	243026.82	679926.68	0.20	Peat	Granular		5.74	Peaty Soil	1	4	1	4	Negligible
585	Point	243024.20	679916.49	0.10	Peat	Granular		5.84	Peaty Soil	1	4	1	4	Negligible
586	Point	243015.13	679918.29	0.10	Peat	Granular		5.15	Peaty Soil	1	4	1	4	Negligible
587	Point	243018.05	679927.33	0.10	Peat	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
588	Point	243018.77	679937.07	0.70	Peat	Granular		3.03	Thin Peat	2	2	1	4	Negligible
589	Point	243009.63	679939.13	1.00	Peat	Granular		2.85	Thin Peat	2	2	1	4	Negligible
590	Point	243007.31	679929.43	0.10	Peat	Granular		2.69	Peaty Soil	1	2	1	2	Negligible
591	Point	243005.24	679919.71	0.10	Peat	Granular		3.51	Peaty Soil	1	2	1	2	Negligible
592	Point	242994.77	679920.18	0.10	Peat	Granular		3.63	Peaty Soil	1	2	1	2	Negligible
593	Point	242996.04	679931.03	0.90	Peat	Granular		3.64	Thin Peat	2	2	1	4	Negligible
594	Point	242998.59	679939.80	1.30	Peat	Granular		3.63	Thin Peat	2	2	1	4	Negligible
595	Point	243010.78	679959.07	2.00	Peat	Granular		1.62	Thick Peat	3	1	1	3	Negligible
596	Point	243021.09	679958.40	0.80	Peat	Granular		1.64	Thin Peat	2	1	1	2	Negligible
597	Point	243031.05	679955.19	1.10	Peat	Granular		2.01	Thin Peat	2	2	1	4	Negligible
598	Point	243040.27	679955.23	0.70	Peat	Granular		1.13	Thin Peat	2	1	1	2	Negligible
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ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
626	Point	243287.68	679943.40	0.30	Soil	Granular		8.63	Peaty Soil	1	6	1	6	Low
627	Point	243287.56	679918.63	0.20	Soil	Rock		6.65	Peaty Soil	1	4	2	8	Low
628	Point	243238.52	679951.69	0.30	Soil	Granular		9.57	Peaty Soil	1	6	1	6	Low
629	Point	243240.35	679923.26	0.30	Soil	Granular		8.12	Peaty Soil	1	6	1	6	Low
630	Point	243186.68	679960.44	0.70	Peat	Granular		4.33	Thin Peat	2	4	1	8	Low
631	Point	243189.21	679937.24	0.60	Peat	Granular		6.50	Thin Peat	2	4	1	8	Low
632	Point	243164.02	679948.75	0.90	Peat	Granular		6.11	Thin Peat	2	4	1	8	Low
633	Point	243168.05	679922.92	0.90	Peat	Granular		7.19	Thin Peat	2	4	1	8	Low
634	Point	243140.29	679942.06	0.30	Peat	Granular		2.39	Thin Peat	2	2	1	4	Negligible
635	Point	243142.23	679953.46	0.90	Peat	Granular		3.32	Thin Peat	2	2	1	4	Negligible
636	Point	243139.71	679967.91	0.40	Soil	Granular		3.33	Peaty Soil	1	2	1	2	Negligible
637	Point	243116.70	679954.82	0.20	Soil	Granular		2.88	Peaty Soil	1	2	1	2	Negligible
638	Point	243093.55	679960.67	0.30	Soil	Granular		5.48	Peaty Soil	1	4	1	4	Negligible
639	Point	243090.01	679949.82	0.30	Soil	Granular		3.86	Peaty Soil	1	2	1	2	Negligible
640	Point	243090.35	679975.08	0.40	Soil	Granular		5.79	Peaty Soil	1	4	1	4	Negligible
641	Point	243062.21	679961.89	0.70	Peat	Granular		2.73	Thin Peat	2	2	1	4	Negligible
642	Point	243065.30	679971.34	0.70	Peat	Granular		2.49	Thin Peat	2	2	1	4	Negligible
643	Point	243053.45	679972.43	0.60	Peat	Granular		1.78	Thin Peat	2	1	1	2	Negligible
644	Point	243053.22	679962.74	0.50	Peat	Granular		1.93	Peaty Soil	1	1	1	1	Negligible
645	Point	243070.52	679964.53	0.70	Peat	Granular		2.50	Thin Peat	2	2	1	4	Negligible
646	Point	243044.53	679974.05	0.90	Peat	Granular		1.44	Thin Peat	2	1	1	2	Negligible
647	Point	243042.99	679964.17	0.90	Peat	Granular		1.16	Thin Peat	2	1	1	2	Negligible
648	Point	243032.64	679966.18	1.30	Peat	Granular		1.88	Thin Peat	2	1	1	2	Negligible
649	Point	243033.36	679975.78	1.40	Peat	Rock		1.28	Thin Peat	2	1	2	4	Negligible
650	Point	243024.43	679977.94	0.80	Peat	Granular		1.64	Thin Peat	2	1	1	2	Negligible
651	Point	243023.61	679966.64	1.80	Peat	Granular		1.65	Thick Peat	3	1	1	3	Negligible
652	Point	243014.89	679978.67	0.40	Soil	Granular		1.80	Peaty Soil	1	1	1	1	Negligible
653	Point	243014.05	679968.87	1.60	Peat	Granular		1.64	Thick Peat	3	1	1	3	Negligible
654	Point	243005.01	679980.21	0.50	Peat	Granular		1.76	Peaty Soil	1	1	1	1	Negligible
655	Point	243003.25	679970.35	1.50	Peat	Granular		1.67	Thin Peat	2	1	1	2	Negligible
656	Point	243001.93	679960.45	2.50	Peat	Granular		1.51	Thick Peat	3	1	1	3	Negligible
657	Point	243000.46	679950.31	1.00	Peat	Granular		2.54	Thin Peat	2	2	1	4	Negligible
658	Point	242999.27	679949.03	1.40	Peat	Granular		1.94	Thin Peat	2	1	1	2	Negligible
659	Point	243020.15	679947.49	1.30	Peat	Granular		1.61	Thin Peat	2	1	1	2	Negligible
660	Point	243030.41	679944.93	1.40	Peat	Granular		2.00	Thin Peat	2	2	1	4	Negligible
661	Point	243039.97	679945.03	1.30	Peat	Granular		1.99	Thin Peat	2	1	1	2	Negligible
662	Point	243049.79	679942.87	0.70	Peat	Granular		1.54	Thin Peat	2	1	1	2	Negligible
663	Point	243059.67	679941.32	0.40	Soil	Granular		2.76	Peaty Soil	1	2	1	2	Negligible
664	Point	243064.67	679939.86	0.50	Peat	Granular		3.26	Peaty Soil	1	2	1	2	Negligible
665	Point	242715.98	680368.38	0.60	Peat	Granular		3.54	Thin Peat	2	2	1	4	Negligible
666	Point	242712.33	680377.51	0.70	Peat	Granular		3.59	Thin Peat	2	2	1	4	Negligible
667	Point	242727.49	680372.17	0.50	Peat	Granular		3.68	Peaty Soil	1	2	1	2	Negligible
668	Point	242735.69	680376.36	0.70	Peat	Granular		4.16	Thin Peat	2	4	1	8	Low
669	Point	242722.52	680381.12	0.60	Peat	Granular		3.62	Thin Peat	2	2	1	4	Negligible
670	Point	242731.68	680386.23	0.40	Soil	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
671	Point	242745.06	680380.48	0.30	Soil	Granular		4.32	Peaty Soil	1	4	1	4	Negligible
672	Point	242740.32	680389.14	0.20	Soil	Granular		3.63	Peaty Soil	1	2	1	2	Negligible
673	Point	242753.40	680382.18	1.00	Peat	Granular		4.28	Thin Peat	2	4	1	8	Low
674	Point	242749.76	680392.98	0.20	Soil	Granular		3.61	Peaty Soil	1	2	1	2	Negligible
675	Point	242762.99	680387.53	0.30	Soil	Granular		2.90	Peaty Soil	1	2	1	2	Negligible
676	Point	242759.52	680395.89	0.30	Soil	Granular		3.85	Peaty Soil	1	2	1	2	Negligible
677	Point	242772.90	680390.29	0.40	Soil	Granular		2.45	Peaty Soil	1	2	1	2	Negligible
678	Point	242767.55	680399.41	0.40	Soil	Granular		3.02	Peaty Soil	1	2	1	2	Negligible
679	Point	242781.67	680401.18	0.40	Soil	Granular		2.44	Peaty Soil	1	2	1	2	Negligible
680	Point	242787.86	680413.10	0.50	Peat	Granular		4.89	Peaty Soil	1	4	1	4	Negligible
681	Point	242764.73	680409.15	0.70	Peat	Granular		3.54	Thin Peat	2	2	1	4	Negligible
682	Point	242759.40	680419.67	0.50	Peat	Granular		3.55	Peaty Soil	1	2	1	2	Negligible
683	Point	242748.90	680415.67	0.60	Peat	Granular		3.56	Thin Peat	2	2	1	4	Negligible
684	Point	242754.74	680405.77	0.40	Soil	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
685	Point	242739.99	680408.96	0.50	Peat	Granular		3.61	Peaty Soil	1	2	1	2	Negligible
686	Point	242745.26	680401.47	0.40	Soil	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
687	Point	242732.44	680407.48	0.40	Soil	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
688	Point	242737.58	680397.56	0.40	Soil	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
689	Point	242723.12	680403.45	0.50	Peat	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
690	Point	242726.95	680394.45	0.20	Soil	Granular		3.61	Peaty Soil	1	2	1	2	Negligible
691	Point	242713.92	680399.93	0.20	Soil	Granular		3.59	Peaty Soil	1	2	1	2	Negligible
692	Point	242717.60	680390.84	0.40	Soil	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
693	Point	242704.77	680396.05	0.30	Soil	Granular		3.55	Peaty Soil	1	2	1	2	Negligible
694	Point	242708.82	680387.37	0.60	Peat	Granular		3.60	Thin Peat	2	2	1	4	Negligible
695	Point	242805.75	680408.82	0.40	Soil	Granular		5.59	Peaty Soil	1	4	1	4	Negligible
696	Point	242829.35	680417.27	0.60	Peat	Granular		0.81	Thin Peat	2	1	1	2	Negligible
697	Point	242836.26	680430.36	0.90	Peat	Granular		0.81	Thin Peat	2	1	1	2	Negligible
698	Point	242851.60	680423.58	0.90	Peat	Granular		0.77	Thin Peat	2	1	1	2	Negligible
699	Point	242877.62	680432.75	0.90	Peat	Granular		0.73	Thin Peat	2	1	1	2	Negligible
700	Point	242882.91	680447.71	0.90	Peat	Granular		3.41	Thin Peat	2	2	1	4	Negligible
701	Point	242932.44	680462.84	0.60	Peat	Granular		4.22	Thin Peat	2	4	1	8	Low
702	Point	242976.78	680478.92	0.30	Soil	Granular		5.85	Peaty Soil	1	4	1	4	Negligible
703	Point	243025.99	680494.50	0.30	Soil	Granular		5.48	Peaty Soil	1	4	1	4	Negligible
704	Point	243073.45	680506.31	0.20	Soil	Granular		5.15	Peaty Soil	1	4	1	4	Negligible
705	Point	243124.55	680505.35	0.30	Soil	Granular		5.10	Peaty Soil	1	4	1	4	Negligible
706	Point	243175.24	680508.47	0.30	Soil	Granular		5.10	Peaty Soil	1	4	1	4	Negligible
707	Point	243212.82	680522.73	0.40	Peat	Granular		6.69	Peaty Soil	1	4	1	4	Negligible
708	Point	243237.07	680524.80	0.90	Peat	Granular		4.79	Thin Peat	2	4	1	8	Low
709	Point	243228.14	680475.05	1.00	Peat	Granular		0.35	Thin Peat	2	1	1	2	Negligible
710	Point	243233.33	680428.03	0.60	Peat	Granular		1.06	Thin Peat	2	1	1	2	Negligible
711	Point	243265.25	680389.90	0.20	Soil	Granular		5.25	Peaty Soil	1	4	1	4	Negligible
712	Point	243315.14	680378.52	0.10	Soil	Rock		5.19	Peaty Soil	1	4	2	8	Low
713	Point	243364.72	680368.94	0.20	Soil	Granular		5.20	Peaty Soil	1	4	1	4	Negligible
714	Point	243413.79	680359.95	0.20	Soil	Granular		7.66	Peaty Soil	1	4	1	4	Negligible
715	Point	243460.38	680351.35	0.40	Peat	Granular		5.31	Peaty Soil	1	4	1	4	Negligible
716	Point	243510.14	680342.74	0.60	Peat	Granular		5.04	Peaty Soil	1	4	1	4	Negligible
717	Point	243560.62	680333.41	0.60	Peat	Granular		4.76	Thin Peat	2	4	1	8	Low
718	Point	243608.23	680327.05	0.80	Peat	Granular		3.38	Thin Peat	2	2	1	4	Negligible
719	Point	243656.69	680319.63	0.40	Peat	Granular		2.94	Peaty Soil	1	2	1	2	Negligible
720	Point	243709.38	680326.05	2.50	Peat	Granular		0.83	Thick Peat	3	1	1	3	Negligible
721	Point	243758.67	680330.58	2.50	Peat	Granular		3.86	Thick Peat	3	2	1	6	Low
722	Point	243808.62	680327.43	0.40	Peat	Granular		9.27	Peaty Soil	1	6	1	6	Low
723	Point	243838.54	680315.39	0.50	Peat	Granular		8.81	Peaty Soil	1	6	1	6	Low
724	Point	243845.84												

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
751	Point	244349.78	680205.19	0.90	Peat	Granular		3.60	Thin Peat	2	2	1	4	Negligible
752	Point	244358.38	680210.54	1.20	Peat	Granular		3.62	Thin Peat	2	2	1	4	Negligible
753	Point	244369.46	680214.91	1.00	Peat	Granular		3.61	Thin Peat	2	2	1	4	Negligible
754	Point	244376.66	680218.51	0.90	Peat	Granular		3.61	Thin Peat	2	2	1	4	Negligible
755	Point	244387.41	680224.01	0.70	Peat	Granular		3.94	Thin Peat	2	2	1	4	Negligible
756	Point	244395.37	680228.03	0.50	Peat	Granular		3.67	Peaty Soil	1	2	1	2	Negligible
757	Point	244398.77	680218.81	0.70	Peat	Granular		4.57	Thin Peat	2	4	1	8	Low
758	Point	244389.98	680214.02	0.70	Peat	Granular		3.83	Thin Peat	2	2	1	4	Negligible
759	Point	244380.32	680211.79	0.70	Peat	Granular		3.62	Thin Peat	2	2	1	4	Negligible
760	Point	244372.27	680205.81	0.90	Peat	Granular		3.61	Thin Peat	2	2	1	4	Negligible
761	Point	244364.40	680200.48	0.80	Peat	Granular		3.61	Thin Peat	2	2	1	4	Negligible
762	Point	244354.91	680195.46	0.90	Peat	Granular		3.61	Thin Peat	2	2	1	4	Negligible
763	Point	244345.37	680192.48	0.60	Peat	Granular		3.62	Thin Peat	2	2	1	4	Negligible
764	Point	244005.78	679973.51	0.90	Peat	Granular		4.84	Thin Peat	2	4	1	8	Low
765	Point	244011.97	679924.47	0.60	Peat	Rock		6.65	Thin Peat	2	4	2	16	Medium
766	Point	242759.44	680456.49	0.50	Peat	Granular		2.89	Peaty Soil	1	2	1	2	Negligible
767	Point	242788.61	680454.03	0.60	Peat	Granular		2.45	Thin Peat	2	2	1	4	Negligible
768	Point	242808.05	680470.81	0.10	Peat	Granular		0.89	Peaty Soil	1	1	1	1	Negligible
769	Point	242834.84	680471.73	0.90	Peat	Granular		2.03	Thin Peat	2	2	1	4	Negligible
770	Point	242854.48	680487.82	0.60	Peat	Granular		2.06	Thin Peat	2	2	1	4	Negligible
771	Point	242898.51	680504.55	0.10	Peat	Granular		5.34	Peaty Soil	1	4	1	4	Negligible
772	Point	242946.06	680524.53	0.50	Peat	Granular		3.54	Peaty Soil	1	2	1	2	Negligible
773	Point	242993.80	680536.06	0.70	Peat	Granular		0.17	Thin Peat	2	1	1	2	Negligible
774	Point	243176.25	680473.13	0.50	Peat	Granular		5.10	Peaty Soil	1	4	1	4	Negligible
775	Point	243180.97	680424.22	0.90	Peat	Granular		1.15	Thin Peat	2	1	1	2	Negligible
776	Point	243204.81	680376.65	0.10	Soil	Granular		3.41	Peaty Soil	1	2	1	2	Negligible
777	Point	243242.15	680347.48	0.10	Peat	Granular		3.54	Peaty Soil	1	2	1	2	Negligible
778	Point	243287.94	680329.77	0.60	Peat	Granular		4.34	Thin Peat	2	4	1	8	Low
779	Point	243337.67	680323.78	0.10	Peat	Granular		4.45	Peaty Soil	1	4	1	4	Negligible
780	Point	243386.82	680313.38	0.20	Peat	Granular		2.90	Peaty Soil	1	2	1	2	Negligible
781	Point	243434.56	680306.13	0.80	Peat	Granular		2.84	Thin Peat	2	2	1	4	Negligible
782	Point	243482.86	680296.70	0.90	Peat	Granular		2.27	Thin Peat	2	2	1	4	Negligible
783	Point	243534.06	680289.61	1.80	Peat	Granular		2.46	Thin Peat	3	2	1	6	Low
784	Point	243582.75	680280.78	0.70	Peat	Granular		2.82	Thin Peat	2	2	1	4	Negligible
785	Point	243632.91	680272.72	0.90	Peat	Granular		3.91	Thin Peat	2	2	1	4	Negligible
786	Point	243681.98	680272.44	0.50	Peat	Granular		3.55	Peaty Soil	1	2	1	2	Negligible
787	Point	243732.12	680278.96	0.70	Peat	Granular		2.94	Thin Peat	2	2	1	4	Negligible
788	Point	243784.86	680281.70	0.20	Peat	Granular		5.68	Peaty Soil	1	4	1	4	Negligible
789	Point	243796.26	680273.97	0.10	Peat	Granular		5.68	Peaty Soil	1	4	1	4	Negligible
790	Point	243803.37	680266.25	0.30	Peat	Granular		5.55	Peaty Soil	1	4	1	4	Negligible
791	Point	243811.62	680260.16	0.20	Peat	Granular		5.34	Peaty Soil	1	4	1	4	Negligible
792	Point	243818.23	680250.86	0.10	Soil	Granular		5.26	Peaty Soil	1	4	1	4	Negligible
793	Point	243826.27	680242.08	0.10	Soil	Granular		6.76	Peaty Soil	1	4	1	4	Negligible
794	Point	243832.36	680238.24	0.40	Peat	Granular		8.57	Peaty Soil	1	6	1	6	Low
795	Point	243839.13	680230.61	0.10	Soil	Granular		5.98	Peaty Soil	1	4	1	4	Negligible
796	Point	243844.83	680225.76	0.20	Soil	Granular		3.61	Peaty Soil	1	2	1	2	Negligible
797	Point	243846.84	680238.01	0.20	Soil	Granular		6.28	Peaty Soil	1	4	1	4	Negligible
798	Point	243838.51	680245.22	0.40	Peat	Granular		8.35	Peaty Soil	1	6	1	6	Low
799	Point	243831.90	680251.37	0.10	Soil	Granular		6.14	Peaty Soil	1	4	1	4	Negligible
800	Point	243824.35	680259.10	0.30	Peat	Granular		5.27	Peaty Soil	1	4	1	4	Negligible
801	Point	243817.27	680266.45	0.20	Peat	Granular		5.26	Peaty Soil	1	4	1	4	Negligible
802	Point	243809.33	680273.39	0.20	Peat	Granular		5.40	Peaty Soil	1	4	1	4	Negligible
803	Point	243803.27	680279.89	0.30	Peat	Granular		5.51	Peaty Soil	1	4	1	4	Negligible
804	Point	243810.47	680288.07	0.50	Peat	Granular		5.34	Peaty Soil	1	4	1	4	Negligible
805	Point	243818.21	680280.35	0.20	Peat	Granular		5.27	Peaty Soil	1	4	1	4	Negligible
806	Point	243826.30	680273.54	0.40	Peat	Granular		5.27	Peaty Soil	1	4	1	4	Negligible
807	Point	243831.86	680265.00	0.20	Soil	Granular		5.26	Peaty Soil	1	4	1	4	Negligible
808	Point	243839.92	680258.19	0.10	Soil	Granular		6.56	Peaty Soil	1	4	1	4	Negligible
809	Point	243846.44	680251.69	0.20	Soil	Granular		8.62	Peaty Soil	1	6	1	6	Low
810	Point	243853.40	680245.85	0.10	Soil	Granular		8.37	Peaty Soil	1	6	1	6	Low
811	Point	243861.76	680241.95	0.40	Peat	Granular		5.58	Peaty Soil	1	4	1	4	Negligible
812	Point	243866.23	680222.81	0.30	Peat	Granular		5.86	Peaty Soil	1	4	1	4	Negligible
813	Point	243862.84	680206.03	0.10	Peat	Granular		5.68	Peaty Soil	1	4	1	4	Negligible
814	Point	243880.88	680189.17	0.20	Peat	Granular		3.58	Peaty Soil	1	2	1	2	Negligible
815	Point	243897.93	680206.99	0.30	Peat	Granular		2.02	Peaty Soil	1	2	1	2	Negligible
816	Point	243880.89	680224.62	0.30	Peat	Granular		6.00	Peaty Soil	1	4	1	4	Negligible
817	Point	243898.71	680191.98	0.50	Peat	Granular		0.99	Peaty Soil	1	1	1	1	Negligible
818	Point	243912.33	680188.23	0.30	Peat	Granular		0.57	Peaty Soil	1	1	1	1	Negligible
819	Point	243930.36	680174.47	0.40	Peat	Granular		0.59	Peaty Soil	1	1	1	1	Negligible
820	Point	243936.07	680153.23	0.60	Peat	Granular		0.21	Thin Peat	2	1	1	2	Negligible
821	Point	243967.53	680118.81	0.60	Peat	Granular		1.45	Thin Peat	2	1	1	2	Negligible
822	Point	244000.16	680079.66	1.00	Peat	Granular		1.96	Thin Peat	2	1	1	2	Negligible
823	Point	244005.78	680030.16	0.20	Peat	Granular		1.96	Peaty Soil	1	1	1	1	Negligible
824	Point	244028.88	680030.86	0.20	Peat	Granular		2.01	Peaty Soil	1	1	1	2	Negligible
825	Point	244052.45	680028.90	0.40	Peat	Granular		3.11	Peaty Soil	1	2	1	2	Negligible
826	Point	244087.61	680046.19	0.30	Peat	Granular		3.06	Peaty Soil	1	2	1	2	Negligible
827	Point	244137.13	680053.14	0.70	Peat	Granular		3.90	Thin Peat	2	2	1	4	Negligible
828	Point	244187.50	680055.74	0.80	Peat	Granular		3.44	Thin Peat	2	2	1	4	Negligible
829	Point	244235.78	680072.84	0.60	Peat	Granular		3.07	Thin Peat	2	2	1	4	Negligible
830	Point	244277.52	680095.95	0.30	Peat	Granular		2.47	Peaty Soil	1	2	1	2	Negligible
831	Point	244282.36	680109.22	0.50	Peat	Granular		2.47	Thin Peat	2	2	1	4	Negligible
832	Point	244303.24	680119.96	0.90	Peat	Granular		2.47	Thin Peat	2	2	1	4	Negligible
833	Point	244324.85	680119.45	0.50	Peat	Granular		3.55	Peaty Soil	1	2	1	2	Negligible
834	Point	244330.67	680131.31	0.90	Peat	Granular		3.71	Thin Peat	2	2	1	4	Negligible
835	Point	244351.09	680144.80	0.60	Peat	Granular		2.11	Thin Peat	2	2	1	4	Negligible
836	Point	244364.13	680155.06	0.50	Peat	Granular		3.57	Peaty Soil	1	2	1	2	Negligible
837	Point	244368.94	680147.41	0.60	Peat	Granular		3.31	Thin Peat	2	2	1	4	Negligible
838	Point	244373.74	680158.61	0.50	Peat	Granular		3.61	Peaty Soil	1	2	1	2	Negligible
839	Point	244375.86	680151.76	0.50	Peat	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
840	Point	244385.35	680155.18	0.40	Peat	Granular		3.59	Peaty Soil	1	2	1	2	Negligible
841	Point	244380.45	680163.64	0.40	Peat	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
842	Point	244390.26	680168.00	0.40	Peat	Granular		3.70	Peaty Soil	1	2	1	2	Negligible
843	Point	244394.81	680160.37	0.50	Peat	Granular		3.65	Peaty Soil	1	2	1	2	Negligible
844	Point	244403.12	680165.59	0.80	Peat	Granular		4.57	Thin Peat	2	4	1	8	Low
845	Point	244400.21	680173.16	0.80	Peat	Granular		4.57	Thin Peat	2	4	1	8	Low
846	Point	244407.32	680177.28	0.70	Peat	Granular		4.57	Thin Peat	2	4	1	8	Low
847	Point	244412.03	680170.19	0.60	Peat	Granular		4.57	Thin Peat	2	4	1	8	Low
848	Point	244420.44	680174.28	0.80	Peat	Granular		4.51	Thin Peat	2	4	1	8	Low
849	Point	244417.												

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
876	Point	243234.06	680380.36	0.40	Soil	Granular		3.56	Peaty Soil	1	2	1	2	Negligible
877	Point	243277.68	680357.83	0.60	Peat	Granular		4.30	Thin Peat	2	4	1	8	Low
878	Point	243326.49	680349.88	0.20	Soil	Granular		4.98	Peaty Soil	1	4	1	4	Negligible
879	Point	243377.57	680340.67	0.10	Soil	Granular		5.20	Peaty Soil	1	4	1	4	Negligible
880	Point	243428.16	680333.11	0.20	Soil	Granular		7.71	Peaty Soil	1	4	1	4	Negligible
881	Point	243475.66	680325.46	0.10	Soil	Granular		4.41	Peaty Soil	1	4	1	4	Negligible
882	Point	243523.57	680315.80	0.50	Peat	Granular		4.10	Peaty Soil	1	4	1	4	Negligible
883	Point	243573.67	680306.92	1.80	Peat	Granular		4.54	Thick Peat	3	4	1	12	Low
884	Point	243620.04	680297.88	1.50	Peat	Granular		3.51	Thin Peat	2	2	1	4	Negligible
885	Point	243671.94	680297.66	0.90	Peat	Granular		3.53	Thin Peat	2	2	1	4	Negligible
886	Point	243723.34	680300.70	0.90	Peat	Granular		2.95	Thin Peat	2	2	1	4	Negligible
887	Point	243773.05	680307.22	0.30	Soil	Granular		6.28	Peaty Soil	1	4	1	4	Negligible
888	Point	243818.31	680292.73	0.40	Soil	Granular		5.35	Peaty Soil	1	4	1	4	Negligible
889	Point	243826.20	680302.04	0.40	Soil	Rock		8.43	Peaty Soil	1	6	2	12	Low
890	Point	243831.86	680294.22	0.50	Peat	Granular		7.12	Peaty Soil	1	4	1	4	Negligible
891	Point	243825.04	680286.00	0.50	Peat	Granular		5.51	Peaty Soil	1	4	1	4	Negligible
892	Point	243832.46	680278.90	0.20	Soil	Granular		5.26	Peaty Soil	1	4	1	4	Negligible
893	Point	243838.48	680287.89	0.20	Soil	Granular		6.71	Peaty Soil	1	4	1	4	Negligible
894	Point	243847.25	680279.40	0.20	Soil	Granular		6.07	Peaty Soil	1	4	1	4	Negligible
895	Point	243838.58	680272.51	0.40	Soil	Granular		5.28	Peaty Soil	1	4	1	4	Negligible
896	Point	243846.11	680265.99	0.20	Soil	Granular		7.39	Peaty Soil	1	4	1	4	Negligible
897	Point	243854.39	680274.21	0.20	Soil	Granular		7.36	Peaty Soil	1	4	1	4	Negligible
898	Point	243859.07	680264.46	0.40	Soil	Granular		7.57	Peaty Soil	1	4	1	4	Negligible
899	Point	243852.61	680257.37	0.40	Soil	Granular		8.19	Peaty Soil	1	6	1	6	Low
900	Point	243861.21	680251.44	0.30	Soil	Granular		7.51	Peaty Soil	1	4	1	4	Negligible
901	Point	243868.27	680259.63	0.20	Soil	Rock		7.51	Peaty Soil	1	4	2	8	Low
902	Point	243874.88	680267.91	0.30	Soil	Granular		7.85	Peaty Soil	1	4	1	4	Negligible
903	Point	243868.83	680273.79	0.30	Soil	Granular		8.67	Peaty Soil	1	6	1	6	Low
904	Point	243861.63	680282.54	0.30	Soil	Granular		9.25	Peaty Soil	1	6	1	6	Low
905	Point	243830.27	680309.22	0.40	Soil	Granular		8.81	Peaty Soil	1	6	1	6	Low
906	Point	243837.58	680301.42	0.30	Soil	Granular		8.43	Peaty Soil	1	6	1	6	Low
907	Point	243852.34	680287.02	0.40	Soil	Granular		7.46	Peaty Soil	1	4	1	4	Negligible
908	Point	243844.53	680283.55	0.40	Soil	Granular		7.47	Peaty Soil	1	4	1	4	Negligible
909	Point	243897.69	680238.27	0.20	Soil	Granular		3.93	Peaty Soil	1	2	1	2	Negligible
910	Point	243928.13	680195.45	0.40	Soil	Granular		0.59	Peaty Soil	1	1	1	1	Negligible
911	Point	243953.63	680158.42	0.40	Soil	Granular		1.45	Peaty Soil	1	1	1	1	Negligible
912	Point	243998.74	680123.75	0.80	Peat	Granular		1.86	Thin Peat	2	1	1	2	Negligible
913	Point	244027.36	680083.52	1.00	Peat	Rock		2.02	Thin Peat	2	2	2	8	Low
914	Point	244067.44	680071.73	1.10	Peat	Granular		2.90	Thin Peat	2	2	1	4	Negligible
915	Point	244115.19	680074.74	1.00	Peat	Granular		1.86	Thin Peat	2	1	1	2	Negligible
916	Point	244169.85	680078.36	0.80	Peat	Granular		4.40	Thin Peat	2	4	1	8	Low
917	Point	244214.72	680090.87	0.80	Peat	Granular		2.47	Thin Peat	2	2	1	4	Negligible
918	Point	244256.84	680114.47	0.50	Peat	Granular		2.47	Peaty Soil	1	2	1	2	Negligible
919	Point	244270.39	680133.79	0.40	Soil	Granular		2.47	Peaty Soil	1	2	1	2	Negligible
920	Point	244294.31	680146.18	0.40	Soil	Granular		2.47	Peaty Soil	1	2	1	2	Negligible
921	Point	244302.51	680138.17	0.30	Soil	Granular		2.55	Peaty Soil	1	2	1	2	Negligible
922	Point	244317.95	680157.97	0.80	Peat	Granular		5.82	Thin Peat	2	4	1	8	Low
923	Point	244340.17	680169.03	0.50	Peat	Granular		2.83	Peaty Soil	1	2	1	2	Negligible
924	Point	244351.08	680183.72	0.40	Soil	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
925	Point	244359.87	680187.87	0.60	Peat	Granular		3.62	Thin Peat	2	2	1	4	Negligible
926	Point	244368.77	680191.38	0.70	Peat	Granular		3.60	Thin Peat	2	2	1	4	Negligible
927	Point	244377.66	680195.81	0.80	Peat	Granular		3.62	Thin Peat	2	2	1	4	Negligible
928	Point	244385.29	680201.95	1.60	Peat	Granular		3.70	Thick Peat	3	2	1	6	Low
929	Point	244395.40	680205.32	1.60	Peat	Granular		4.57	Thick Peat	3	4	1	12	Low
930	Point	244403.84	680210.20	1.00	Peat	Granular		4.55	Thin Peat	2	4	1	8	Low
931	Point	244407.23	680202.15	0.90	Peat	Granular		4.52	Thin Peat	2	4	1	8	Low
932	Point	244396.97	680194.68	0.90	Peat	Granular		4.50	Thin Peat	2	4	1	8	Low
933	Point	244388.75	680191.49	1.00	Peat	Granular		3.62	Thin Peat	2	4	1	4	Negligible
934	Point	244381.07	680186.21	0.80	Peat	Granular		3.62	Thin Peat	2	2	1	4	Negligible
935	Point	244370.64	680180.93	0.70	Peat	Granular		3.61	Thin Peat	2	2	1	4	Negligible
936	Point	244363.10	680178.07	0.70	Peat	Granular		3.61	Thin Peat	2	2	1	4	Negligible
937	Point	244352.85	680172.03	0.50	Peat	Granular		3.61	Peaty Soil	1	2	1	2	Negligible
938	Point	244033.25	679981.61	0.30	Soil	Granular		4.82	Peaty Soil	1	4	1	4	Negligible
939	Point	244036.17	679928.64	1.00	Soil	Granular		6.65	Thin Peat	2	4	1	8	Low
940	Point	243923.15	680235.03	0.60	Peat	Granular		1.90	Thin Peat	2	1	1	2	Negligible
941	Point	243888.87	680269.45	0.50	Peat	Granular		9.01	Peaty Soil	1	6	1	6	Low
942	Point	243744.40	679980.73	0.40	Superficial	Granular		2.94	Peaty Soil	1	2	1	2	Negligible
943	Point	243730.41	679993.56	0.40	Superficial	Granular		2.91	Peaty Soil	1	2	1	2	Negligible
944	Point	243718.81	680000.50	0.30	Superficial	Granular		4.35	Peaty Soil	1	4	1	4	Negligible
945	Point	243709.25	680013.57	0.40	Superficial	Granular		4.71	Peaty Soil	1	4	1	4	Negligible
946	Point	243754.83	679992.92	0.20	Superficial	Granular		4.47	Peaty Soil	1	4	1	4	Negligible
947	Point	243744.88	680000.79	0.20	Superficial	Granular		3.40	Peaty Soil	1	2	1	2	Negligible
948	Point	243735.87	680007.23	0.40	Superficial	Granular		3.04	Peaty Soil	1	2	1	2	Negligible
949	Point	243725.26	680019.14	0.50	Superficial	Granular		3.15	Peaty Soil	1	2	1	2	Negligible
950	Point	243695.20	680015.32	0.40	Superficial	Granular		4.67	Peaty Soil	1	4	1	4	Negligible
951	Point	243715.61	680027.95	0.40	Superficial	Granular		3.18	Peaty Soil	1	2	1	2	Negligible
952	Point	243727.42	680043.65	0.20	Superficial	Granular		1.64	Peaty Soil	1	1	1	1	Negligible
953	Point	243745.62	680058.12	0.30	Superficial	Granular		1.83	Peaty Soil	1	1	1	1	Negligible
954	Point	243774.77	680003.66	0.40	Superficial	Granular		4.61	Peaty Soil	1	4	1	4	Negligible
955	Point	243759.85	680013.15	0.40	Superficial	Granular		4.75	Peaty Soil	1	4	1	4	Negligible
956	Point	243743.49	680021.62	0.30	Superficial	Granular		4.82	Peaty Soil	1	4	1	4	Negligible
957	Point	243732.27	680031.35	0.50	Superficial	Granular		1.91	Peaty Soil	1	1	1	1	Negligible
958	Point	242880.52	679977.35	0.40	Superficial	Granular		0.81	Peaty Soil	1	1	1	1	Negligible
959	Point	242884.18	679957.54	0.40	Superficial	Granular		1.62	Peaty Soil	1	1	1	1	Negligible
960	Point	242904.22	679957.74	0.30	Superficial	Granular		2.14	Peaty Soil	1	2	1	2	Negligible
961	Point	242925.23	679950.21	0.30	Superficial	Granular		2.11	Peaty Soil	1	2	1	2	Negligible
962	Point	242947.10	679943.27	0.40	Superficial	Granular		2.35	Peaty Soil	1	2	1	2	Negligible
963	Point	242967.79	679938.45	0.30	Superficial	Granular		2.36	Peaty Soil	1	2	1	2	Negligible
964	Point	242985.21	679935.42	0.40	Superficial	Granular		5.96	Peaty Soil	1	4	1	4	Negligible
965	Point	242976.09	679948.56	0.20	Superficial	Granular		2.20	Peaty Soil	1	2	1	2	Negligible
966	Point	242973.82	679960.83	0.20	Superficial	Granular		2.54	Peaty Soil	1	2	1	2	Negligible
967	Point	242957.55	679955.28	0.20	Superficial	Granular		2.54	Peaty Soil	1	2	1	2	Negligible
968	Point	243705.08	679901.51	0.50	Superficial	Granular		1.89	Peaty Soil	1	1	1	1	Negligible
969	Point	243244.99	679899.46	0.10	Peat	Granular		7.93	Peaty Soil	1	4	1	4	Negligible
970	Point	243385.41	679899.89	0.60	Peat	Granular		13.35	Thin Peat	2	8	1	16	Medium
971	Point	243419.93	679328.65	0.90	Peat	Granular		1.89	Thin Peat	2	1	1	2	Negligible
972	Point	243463.89	679348.17	0.90	Peat	Granular		2.59	Thin Peat	2	2	1	4	Negligible
973	Point	243559.01	679365.32	1.10	Peat	Granular		3.37	Thin Peat	2	2	1	4	Negligible
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ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1001	Point	243292.80	679879.36	0.20	Peat	Granular		12.24	Peaty Soil	1	8	1	8	Low
1002	Point	243281.85	679846.45	0.20	Peat	Granular		13.32	Peaty Soil	1	8	1	8	Low
1003	Point	243281.79	679845.76	0.30	Peat	Granular		13.32	Peaty Soil	1	8	1	8	Low
1004	Point	243267.00	679812.77	0.20	Peat	Granular		18.02	Peaty Soil	1	8	1	8	Low
1005	Point	243260.17	679776.21	0.20	Peat	Granular		17.86	Peaty Soil	1	8	1	8	Low
1006	Point	243244.87	679746.10	0.30	Peat	Granular		13.58	Peaty Soil	1	8	1	8	Low
1007	Point	243231.45	679713.18	0.20	Peat	Granular		5.39	Peaty Soil	1	4	1	4	Negligible
1008	Point	243225.71	679694.71	0.40	Peat	Granular		5.74	Peaty Soil	1	4	1	4	Negligible
1009	Point	243237.81	679350.41	0.40	Peat	Granular		1.76	Peaty Soil	1	1	1	1	Negligible
1010	Point	243465.13	679371.22	0.90	Peat	Granular		4.68	Thin Peat	2	4	1	4	Low
1011	Point	243513.75	679378.21	0.90	Peat	Granular		3.35	Thin Peat	2	2	1	4	Negligible
1012	Point	243562.02	679384.99	0.90	Peat	Granular		3.16	Thin Peat	2	2	1	4	Negligible
1013	Point	243613.32	679377.20	1.90	Peat	Granular		2.70	Thick Peat	3	2	1	6	Low
1014	Point	243648.95	679404.69	1.80	Peat	Granular		1.68	Thick Peat	3	1	1	3	Negligible
1015	Point	243663.55	679385.02	1.30	Peat	Granular		2.46	Thin Peat	2	2	1	4	Negligible
1016	Point	243694.76	679410.34	0.80	Peat	Granular		3.48	Thin Peat	2	2	1	4	Negligible
1017	Point	243711.65	679389.79	0.50	Superficial	Granular		7.38	Peaty Soil	1	4	1	4	Negligible
1018	Point	243763.02	679398.73	0.30	Superficial	Granular		9.80	Peaty Soil	1	6	1	6	Low
1019	Point	243813.37	679412.09	0.90	Peat	Granular		5.93	Thin Peat	2	4	1	8	Low
1020	Point	243794.90	679430.59	1.00	Peat	Granular		6.20	Thin Peat	2	4	1	8	Low
1021	Point	243864.17	679418.25	0.20	Superficial	Granular		10.14	Peaty Soil	1	6	1	6	Low
1022	Point	243845.58	679441.94	0.90	Peat	Granular		9.08	Thin Peat	2	6	1	12	Low
1023	Point	243916.05	679427.47	0.20	Superficial	Granular		15.03	Peaty Soil	1	8	1	8	Low
1024	Point	243959.43	679451.34	0.60	Peat	Granular		6.67	Thin Peat	2	4	1	8	Low
1025	Point	243986.19	679495.50	0.20	Superficial	Granular		6.00	Peaty Soil	1	4	1	4	Negligible
1026	Point	243962.91	679508.18	0.70	Peat	Granular		7.81	Thin Peat	2	4	1	8	Low
1027	Point	244003.06	679538.87	0.20	Superficial	Granular		7.79	Peaty Soil	1	4	1	4	Negligible
1028	Point	244272.31	679365.65	0.90	Superficial	Granular		9.18	Thin Peat	2	6	1	12	Low
1029	Point	244248.60	679336.72	0.40	Superficial	Granular		5.88	Peaty Soil	1	4	1	4	Negligible
1030	Point	244248.62	679289.67	0.40	Superficial	Granular		5.90	Peaty Soil	1	4	1	4	Negligible
1031	Point	243503.00	679848.13	0.20	Superficial	Granular		5.97	Peaty Soil	1	4	1	4	Negligible
1032	Point	243545.27	679874.37	0.20	Superficial	Granular		6.21	Peaty Soil	1	4	1	4	Negligible
1033	Point	243593.76	679890.31	0.20	Superficial	Granular		5.83	Peaty Soil	1	4	1	4	Negligible
1034	Point	243638.77	679892.31	0.10	Superficial	Rock		14.74	Peaty Soil	1	4	2	16	Medium
1035	Point	243648.62	679873.69	0.30	Superficial	Granular		4.17	Peaty Soil	1	4	1	4	Negligible
1036	Point	243360.76	679891.76	0.10	Superficial	Granular		12.93	Peaty Soil	1	8	1	8	Low
1037	Point	243368.82	679876.91	0.10	Superficial	Granular		12.14	Peaty Soil	1	8	1	8	Low
1038	Point	243368.65	679847.85	0.30	Superficial	Granular		12.59	Peaty Soil	1	8	1	8	Low
1039	Point	243362.82	679828.37	0.20	Superficial	Granular		12.48	Peaty Soil	1	8	1	8	Low
1040	Point	243351.28	679800.28	0.30	Superficial	Granular		6.92	Peaty Soil	1	4	1	4	Negligible
1041	Point	243332.11	679783.53	0.20	Superficial	Granular		7.76	Peaty Soil	1	4	1	4	Negligible
1042	Point	243320.06	679764.79	0.10	Superficial	Granular		9.91	Peaty Soil	1	6	1	6	Low
1043	Point	243313.59	679739.57	0.10	Superficial	Granular		9.81	Peaty Soil	1	6	1	6	Low
1044	Point	243310.42	679725.12	0.10	Superficial	Granular		1.27	Peaty Soil	1	1	1	1	Negligible
1045	Point	243308.92	679702.54	0.90	Peat	Granular		4.86	Thin Peat	2	4	1	8	Low
1046	Point	243327.08	679692.41	0.30	Superficial	Rock		4.23	Peaty Soil	1	4	2	8	Low
1047	Point	243334.31	679708.40	0.20	Superficial	Rock		3.45	Peaty Soil	1	2	2	4	Negligible
1048	Point	243343.00	679732.37	0.10	Superficial	Rock		7.01	Peaty Soil	1	4	2	8	Low
1049	Point	243345.62	679757.69	0.70	Peat	Granular		9.92	Thin Peat	2	6	1	12	Low
1050	Point	243347.92	679795.12	0.10	Superficial	Granular		6.92	Peaty Soil	1	4	1	4	Negligible
1051	Point	243374.37	679782.68	0.10	Superficial	Granular		7.76	Peaty Soil	1	4	1	4	Negligible
1052	Point	243362.85	679812.45	0.20	Superficial	Granular		6.91	Peaty Soil	1	4	1	4	Negligible
1053	Point	243373.38	679836.45	0.10	Superficial	Rock		11.19	Peaty Soil	1	6	2	12	Low
1054	Point	243385.03	679862.63	0.20	Superficial	Granular		8.36	Peaty Soil	1	6	1	6	Low
1055	Point	243393.75	679835.05	0.10	Superficial	Granular		9.40	Peaty Soil	1	6	1	6	Low
1056	Point	243389.82	679806.40	0.20	Superficial	Granular		6.75	Peaty Soil	1	4	1	4	Negligible
1057	Point	243381.89	679754.85	0.10	Superficial	Granular		9.55	Peaty Soil	1	6	1	6	Low
1058	Point	243395.64	679855.26	0.30	Superficial	Granular		8.82	Peaty Soil	1	6	1	6	Low
1059	Point	243395.16	679819.35	0.10	Superficial	Rock		6.09	Peaty Soil	1	4	2	8	Low
1060	Point	243423.00	679822.87	0.20	Superficial	Granular		8.63	Peaty Soil	1	6	1	6	Low
1061	Point	243415.19	679789.88	0.30	Superficial	Granular		9.58	Peaty Soil	1	4	1	4	Negligible
1062	Point	243428.56	679771.30	0.20	Superficial	Granular		5.16	Peaty Soil	1	6	1	6	Low
1063	Point	243391.53	679783.97	0.10	Superficial	Rock		7.73	Peaty Soil	1	4	2	8	Low
1064	Point	243361.60	679770.79	0.10	Superficial	Granular		9.94	Peaty Soil	1	6	1	6	Low
1065	Point	243419.34	679808.61	0.20	Superficial	Granular		5.62	Peaty Soil	1	4	1	4	Negligible
1066	Point	243031.93	679355.53	0.90	Peat	Granular		2.13	Thin Peat	2	2	1	4	Negligible
1067	Point	243030.85	679451.75	0.00	Superficial	Granular		2.78	No Peat	0	2	1	0	None
1068	Point	243009.89	679544.98	0.90	Peat	Granular		4.39	Thin Peat	2	4	1	8	Low
1069	Point	243042.03	679652.61	0.00	Soil	Granular		14.51	No Peat	0	8	1	0	None
1070	Point	243006.42	679749.53	0.00	Soil	Granular		4.79	No Peat	0	4	1	0	None
1071	Point	243186.54	679856.61	0.40	Superficial	Granular		7.16	Peaty Soil	1	4	1	4	Negligible
1072	Point	243178.19	679661.58	0.10	Soil	Granular		3.23	Peaty Soil	1	2	1	2	Negligible
1073	Point	243195.29	679539.52	0.20	Soil	Granular		1.03	Peaty Soil	1	1	1	1	Negligible
1074	Point	243184.76	679450.41	0.20	Soil	Granular		4.90	Peaty Soil	1	4	1	4	Negligible
1075	Point	243202.06	679330.76	0.40	Peat	Granular		1.73	Peaty Soil	1	1	1	1	Negligible
1076	Point	243430.02	679362.02	1.10	Peat	Granular		3.03	Thin Peat	2	2	1	4	Negligible
1077	Point	243407.57	679457.53	0.10	Superficial	Granular		2.55	Peaty Soil	1	2	1	2	Negligible
1078	Point	243415.23	679547.86	0.30	Soil	Granular		2.45	Peaty Soil	1	2	1	2	Negligible
1079	Point	243408.39	679645.96	0.30	Peat	Granular		2.42	Peaty Soil	1	2	1	2	Negligible
1080	Point	243417.36	679715.18	0.20	Peat	Granular		9.17	Peaty Soil	1	4	1	4	Low
1081	Point	243409.05	679853.15	0.50	Peat	Granular		7.81	Peaty Soil	1	4	1	4	Negligible
1082	Point	243599.39	679846.42	0.50	Peat	Granular		3.62	Peaty Soil	1	2	1	2	Negligible
1083	Point	243610.52	679757.45	0.80	Peat	Granular		4.17	Thin Peat	2	4	1	8	Low
1084	Point	243599.29	679657.59	0.30	Superficial	Granular		3.27	Peaty Soil	1	2	1	2	Negligible
1085	Point	243595.39	679555.80	0.90	Peat	Granular		1.92	Thin Peat	2	1	1	2	Negligible
1086	Point	243599.17	679453.54	1.00	Peat	Granular		5.64	Thin Peat	2	4	1	8	Low
1087	Point	243812.91	679445.97	1.00	Peat	Granular		7.65	Thin Peat	2	4	1	8	Low
1088	Point	243923.63	679340.02	0.20	Superficial	Granular		6.19	Peaty Soil	1	4	1	4	Negligible
1089	Point	244007.88	679340.02	0.10	Soil	Granular		7.66	Peaty Soil	1	4	1	4	Negligible
1090	Point	244129.85	679333.11	0.40	Superficial	Granular		7.90	Peaty Soil	1	4	1	4	Negligible
1091	Point	244215.06	679328.91	0.40	Superficial	Granular		6.45	Peaty Soil	1	4	1	4	Negligible
1092	Point	244307.32	679350.27	1.00	Superficial	Granular		6.53	Thin Peat	2	4	1	8	Low
1093	Point	244391.87	679339.05	0.20	Superficial	Granular		6.88	Peaty Soil	1	4	1	4	Negligible
1094	Point	244502.01	679344.58	0.10	Superficial	Granular		4.62	Peaty Soil	1	4	1	4	Negligible
1095	Point	243111.38	679350.41	0.90	Soil	Granular		2.66	Thin Peat	2	2	1	4	Negligible
1096	Point	243106.65	679449.36	0.50	Soil	Granular		4.87	Peaty Soil	1	4	1	4	Negligible
1097	Point	243105.23	679550.42	1.00	Soil	Granular		3.41	Thin Peat	2	2	1	4	Negligible
1098	Point	243126.12	679703.77	0.20										



ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1126	Point	244408.78	679743.76	1.80	Soil	Granular		2.66	Thick Peat	3	2	1	6	Low
1127	Point	244401.60	679841.87	0.80	Peat	Granular		6.35	Thin Peat	2	4	1	8	Low
1128	Point	244205.44	679868.87	1.10	Soil	Granular		1.46	Thin Peat	2	1	1	2	Negligible
1129	Point	244380.43	679622.99	0.00	Peat	Granular		2.69	No Peat	0	2	1	0	None
1130	Point	244210.43	679760.84	2.30	Peat	Granular		0.70	Thick Peat	3	1	1	3	Negligible
1131	Point	244207.94	679658.93	0.80	Soil	Granular		4.00	Thin Peat	2	2	1	4	Negligible
1132	Point	244207.94	679559.49	0.40	Soil	Granular		4.65	Peaty Soil	1	4	1	4	Negligible
1133	Point	244210.43	679455.09	0.40	Soil	Granular		7.20	Peaty Soil	1	4	1	4	Negligible
1134	Point	244202.27	679404.13	0.40	Soil	Granular		11.72	Peaty Soil	1	6	1	6	Low
1135	Point	244004.49	679000.46	0.60	Soil	Granular		6.74	Thin Peat	2	1	1	3	Negligible
1136	Point	243904.01	679644.50	3.30	Soil	Granular		1.27	Thick Peat	3	1	1	3	Negligible
1137	Point	243904.18	679643.38	2.20	Soil	Granular		1.27	Thick Peat	3	1	1	3	Negligible
1138	Point	243904.62	679644.10	1.60	Soil	Granular		1.27	Thick Peat	3	1	1	3	Negligible
1139	Point	243915.79	679555.05	1.80	Soil	Granular		2.04	Thick Peat	3	2	1	6	Low
1140	Point	243913.31	679463.07	1.50	Soil	Granular		8.08	Thin Peat	2	6	1	12	Low
1141	Point	244005.28	679661.94	1.80	Soil	Granular		1.76	Thick Peat	3	1	1	3	Negligible
1142	Point	244032.62	679563.75	1.40	Soil	Granular		1.72	Thin Peat	2	1	1	2	Negligible
1143	Point	243910.13	679712.79	2.70	Soil	Granular		1.25	Thick Peat	3	1	1	3	Negligible
1144	Point	243815.58	679817.96	1.70	Soil	Granular		0.94	Thick Peat	3	1	1	3	Negligible
1145	Point	243724.94	679850.03	0.70	Soil	Granular		1.88	Thin Peat	2	1	1	2	Negligible
1146	Point	244018.88	679829.05	1.40	Soil	Granular		0.89	Thin Peat	2	1	1	2	Negligible
1147	Point	244609.95	679566.66	0.20	Soil	Granular		6.33	Peaty Soil	1	4	1	4	Negligible
1148	Point	244709.31	679742.01	0.90	Peat	Granular		10.58	Thin Peat	2	6	1	12	Low
1149	Point	244809.33	679750.48	0.90	Peat	Granular		8.23	Thin Peat	2	6	1	12	Low
1150	Point	244906.26	679748.47	1.00	Peat	Granular		7.52	Thin Peat	2	4	1	8	Low
1151	Point	245012.80	679729.97	1.20	Peat	Granular		6.90	Thin Peat	2	4	1	8	Low
1152	Point	245020.73	679843.13	0.90	Peat	Granular		8.19	Thin Peat	2	6	1	12	Low
1153	Point	244918.75	679843.64	1.20	Peat	Granular		8.80	Thin Peat	2	6	1	12	Low
1154	Point	244818.52	679846.69	0.80	Peat	Granular		12.18	Thin Peat	2	8	1	16	Medium
1155	Point	244704.97	679852.46	0.70	Peat	Granular		3.48	Thin Peat	2	2	1	4	Negligible
1156	Point	244339.13	679432.31	1.60	Peat	Granular		7.18	Thick Peat	3	4	1	12	Low
1157	Point	244317.94	679548.75	0.20	Superficial	Granular		5.32	Peaty Soil	1	4	1	4	Negligible
1158	Point	244315.55	679549.65	1.60	Peat	Granular		3.16	Thick Peat	3	2	1	6	Low
1159	Point	244305.92	679751.75	1.50	Peat	Granular		2.19	Thin Peat	2	2	1	4	Negligible
1160	Point	244314.58	679847.43	0.80	Superficial	Granular		3.95	Thin Peat	2	2	1	4	Negligible
1161	Point	244082.87	679855.44	2.40	Peat	Granular		0.62	Thick Peat	3	1	1	3	Negligible
1162	Point	244101.58	679762.67	3.80	Peat	Granular		0.97	Thick Peat	3	1	1	3	Negligible
1163	Point	244105.09	679667.11	1.20	Superficial	Granular		2.24	Thin Peat	2	2	1	4	Negligible
1164	Point	244113.83	679574.88	1.60	Peat	Granular		5.93	Thick Peat	3	4	1	12	Low
1165	Point	244125.31	679439.41	0.70	Superficial	Granular		9.44	Thin Peat	2	6	1	12	Low
1166	Point	243914.07	679452.77	0.80	Soil	Granular		8.06	Thin Peat	2	6	1	12	Low
1167	Point	243918.15	679546.50	2.30	Peat	Granular		2.07	Thick Peat	3	2	1	6	Low
1168	Point	243914.07	679647.01	2.70	Peat	Granular		1.27	Thick Peat	3	1	1	3	Negligible
1169	Point	243906.79	679741.70	1.90	Peat	Granular		1.67	Thick Peat	3	1	1	3	Negligible
1170	Point	243899.18	679835.73	1.80	Peat	Granular		1.94	Thick Peat	3	1	1	3	Negligible
1171	Point	242756.83	679276.88	0.10	Soil	Granular		5.73	Peaty Soil	1	4	1	4	Negligible
1172	Point	242770.38	679279.02	0.10	Soil	Granular		4.53	Peaty Soil	1	4	1	4	Negligible
1173	Point	242776.87	679276.39	0.20	Soil	Granular		4.44	Peaty Soil	1	4	1	4	Negligible
1174	Point	242788.97	679278.01	0.20	Soil	Granular		4.42	Peaty Soil	1	4	1	4	Negligible
1175	Point	242799.53	679276.36	0.30	Soil	Granular		4.48	Peaty Soil	1	4	1	4	Negligible
1176	Point	242808.33	679277.73	0.20	Soil	Granular		4.49	Peaty Soil	1	4	1	4	Negligible
1177	Point	242818.43	679277.75	0.20	Soil	Granular		4.45	Peaty Soil	1	4	1	4	Negligible
1178	Point	242808.71	679267.67	0.30	Soil	Granular		4.49	Peaty Soil	1	4	1	4	Negligible
1179	Point	242797.65	679266.66	0.10	Soil	Granular		4.46	Peaty Soil	1	4	1	4	Negligible
1180	Point	242788.11	679267.83	0.40	Soil	Granular		4.44	Peaty Soil	1	4	1	4	Negligible
1181	Point	242778.05	679266.56	0.20	Soil	Granular		5.31	Peaty Soil	1	4	1	4	Negligible
1182	Point	242767.63	679266.23	0.10	Soil	Granular		6.83	Peaty Soil	1	4	1	4	Negligible
1183	Point	242758.78	679267.03	0.10	Soil	Granular		6.94	Peaty Soil	1	4	1	4	Negligible
1184	Point	242836.89	679269.71	0.20	Soil	Granular		4.76	Peaty Soil	1	4	1	4	Negligible
1185	Point	242864.66	679269.10	0.20	Soil	Granular		2.56	Peaty Soil	1	2	1	2	Negligible
1186	Point	242886.33	679269.78	0.50	Peat	Granular		2.45	Peaty Soil	1	2	1	2	Negligible
1187	Point	242911.46	679266.39	0.40	Peat	Granular		3.16	Peaty Soil	1	2	1	2	Negligible
1188	Point	242945.89	679269.45	0.30	Peat	Granular		1.02	Peaty Soil	1	1	1	1	Negligible
1189	Point	242993.88	679267.75	0.30	Peat	Granular		2.22	Peaty Soil	1	2	1	2	Negligible
1190	Point	244205.66	679286.19	0.70	Peat	Granular		6.35	Thin Peat	2	4	1	8	Low
1191	Point	244238.36	679299.38	0.40	Peat	Granular		6.32	Peaty Soil	1	4	1	4	Negligible
1192	Point	244222.82	679338.31	0.60	Peat	Granular		6.49	Thin Peat	2	4	1	8	Low
1193	Point	244249.36	679347.00	0.80	Peat	Granular		6.07	Thin Peat	2	4	1	8	Low
1194	Point	244223.91	679384.39	0.50	Peat	Granular		7.62	Peaty Soil	1	4	1	4	Negligible
1195	Point	244251.99	679398.19	0.80	Peat	Granular		8.69	Thin Peat	2	6	1	12	Low
1196	Point	244228.70	679434.57	0.70	Peat	Granular		7.11	Thin Peat	2	4	1	8	Low
1197	Point	244249.95	679448.38	0.50	Peat	Granular		7.10	Thin Peat	2	4	1	4	Negligible
1198	Point	244213.77	679480.40	0.40	Peat	Granular		7.20	Peaty Soil	1	4	1	4	Negligible
1199	Point	244228.37	679496.28	0.30	Peat	Granular		5.53	Peaty Soil	1	4	1	4	Negligible
1200	Point	244214.59	679548.55	0.10	Peat	Granular		5.53	Peaty Soil	1	4	1	4	Negligible
1201	Point	244205.13	679553.27	0.50	Peat	Granular		5.37	Peaty Soil	1	4	1	4	Negligible
1202	Point	244197.25	679558.29	1.20	Peat	Granular		5.63	Thin Peat	2	4	1	8	Low
1203	Point	244187.16	679561.59	0.90	Peat	Granular		6.55	Thin Peat	2	4	1	8	Low
1204	Point	244178.30	679566.65	0.70	Peat	Granular		9.00	Thin Peat	2	6	1	12	Low
1205	Point	244169.29	679571.82	0.20	Peat	Granular		8.08	Peaty Soil	1	6	1	6	Low
1206	Point	244159.75	679577.05	0.60	Peat	Granular		6.47	Thin Peat	2	4	1	4	Negligible
1207	Point	244156.72	679567.09	0.20	Peat	Granular		7.85	Peaty Soil	1	4	1	4	Negligible
1208	Point	244165.15	679563.09	0.50	Peat	Granular		9.07	Peaty Soil	1	6	1	6	Low
1209	Point	244173.35	679559.36	1.00	Peat	Granular		10.75	Peaty Soil	1	6	1	6	Low
1210	Point	244183.47	679555.35	0.50	Peat	Granular		7.39	Thin Peat	2	4	1	8	Low
1211	Point	244191.07	679550.27	1.00	Peat	Granular		5.75	Thin Peat	2	4	1	8	Low
1212	Point	244199.53	679545.77	0.70	Peat	Granular		5.77	Thin Peat	2	4	1	8	Low
1213	Point	244206.73	679540.23	0.20	Peat	Granular		5.77	Peaty Soil	1	4	1	4	Negligible
1214	Point	244205.37	679532.73	0.10	Peat	Granular		5.77	Peaty Soil	1	4	1	4	Negligible
1215	Point	244201.28	679523.55	0.10	Peat	Granular		5.71	Peaty Soil	1	4	1	4	Negligible
1216	Point	244192.34	679527.02	0.30	Peat	Granular		5.77	Peaty Soil	1	4	1	4	Negligible
1217	Point	244196.38	679533.78	0.10	Peat	Granular		5.77	Peaty Soil	1	4	1	4	Negligible
1218	Point	244186.71	679540.94	0.40	Peat	Granular		5.86	Peaty Soil	1	4	1	4	Negligible
1219	Point	244182.26	679531.39	0.10	Peat	Granular		6.15	Peaty Soil	1	4	1	4	Negligible
1220	Point	244174.27	679535.71	0.30	Peat	Granular		6.49	Peaty Soil	1	4	1	4	Negligible
1221	Point	244178.08	679545.54	0.70	Peat	Granular		6.84	Thin Peat	2	4	1	8	Low
1222	Point	244169.45	679548.84	0.90	Peat	Granular		10.23	Thin Peat	2	6	1	12	Low
1223	Point	244166.29	679541.29	0.40										

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1251	Point	243325.40	679361.48	0.80	Peat	Granular		2.05	Thin Peat	2	2	1	4	Negligible
1252	Point	243312.79	679311.51	0.20	Peat	Granular		3.90	Peaty Soil	1	2	1	2	Negligible
1253	Point	243295.16	679317.35	0.50	Peat	Granular		2.79	Peaty Soil	1	2	1	2	Negligible
1254	Point	243359.00	679498.31	0.10	Peat	Granular		6.03	Peaty Soil	1	4	1	4	Negligible
1255	Point	243375.42	679544.73	0.60	Peat	Granular		2.37	Thin Peat	2	2	1	4	Negligible
1256	Point	243387.91	679596.21	0.50	Peat	Granular		0.80	Peaty Soil	1	1	1	1	Negligible
1257	Point	243385.47	679607.68	0.80	Peat	Granular		0.80	Thin Peat	2	1	1	2	Negligible
1258	Point	243376.22	679611.26	0.90	Peat	Granular		0.80	Thin Peat	2	1	1	2	Negligible
1259	Point	243378.22	679618.88	0.80	Peat	Granular		0.80	Thin Peat	2	1	1	2	Negligible
1260	Point	243387.07	679618.56	0.20	Peat	Granular		0.80	Thin Peat	2	1	1	2	Negligible
1261	Point	243290.75	679627.69	0.70	Peat	Granular		0.80	Thin Peat	2	1	1	2	Negligible
1262	Point	243281.12	679629.10	0.90	Peat	Granular		0.80	Thin Peat	2	1	1	2	Negligible
1263	Point	243385.75	679639.33	0.50	Peat	Granular		1.24	Peaty Soil	1	1	1	1	Negligible
1264	Point	243392.95	679636.98	0.60	Peat	Granular		1.01	Thin Peat	2	1	1	2	Negligible
1265	Point	243396.72	679645.59	0.40	Peat	Granular		1.86	Peaty Soil	1	1	1	1	Negligible
1266	Point	243386.94	679648.60	0.50	Peat	Granular		1.84	Peaty Soil	1	1	1	1	Negligible
1267	Point	243388.98	679658.52	0.50	Peat	Granular		1.86	Peaty Soil	1	1	1	1	Negligible
1268	Point	243398.17	679656.79	0.20	Peat	Granular		2.53	Peaty Soil	1	2	1	2	Negligible
1269	Point	243391.02	679667.25	0.30	Peat	Granular		3.24	Peaty Soil	1	2	1	2	Negligible
1270	Point	243400.50	679665.84	0.20	Peat	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1271	Point	243410.21	679664.28	0.20	Peat	Granular		3.48	Peaty Soil	1	2	1	2	Negligible
1272	Point	243407.62	679653.50	0.40	Peat	Granular		3.19	Peaty Soil	1	2	1	2	Negligible
1273	Point	243407.26	679643.85	0.80	Peat	Granular		1.17	Thin Peat	2	1	1	2	Negligible
1274	Point	243403.32	679635.59	0.50	Peat	Granular		0.67	Peaty Soil	1	1	1	1	Negligible
1275	Point	243399.88	679625.87	0.60	Peat	Granular		0.74	Thin Peat	2	1	1	2	Negligible
1276	Point	243399.15	679616.45	0.70	Peat	Granular		0.74	Thin Peat	2	1	1	2	Negligible
1277	Point	243394.91	679605.44	0.40	Peat	Granular		0.80	Peaty Soil	1	1	1	1	Negligible
1278	Point	243409.49	679691.03	0.20	Peat	Granular		2.48	Peaty Soil	1	2	1	2	Negligible
1279	Point	243419.69	679739.08	0.30	Peat	Granular		7.05	Peaty Soil	1	4	1	4	Negligible
1280	Point	243433.07	679788.15	0.70	Peat	Granular		4.93	Thin Peat	2	4	1	8	Low
1281	Point	243424.00	679837.54	0.30	Peat	Granular		8.66	Peaty Soil	1	6	1	6	Low
1282	Point	243390.55	679871.36	0.60	Peat	Granular		10.19	Thin Peat	2	6	1	12	Low
1283	Point	243343.95	679882.93	0.10	Peat	Granular		10.99	Peaty Soil	1	6	1	6	Low
1284	Point	243294.80	679890.50	0.50	Peat	Granular		7.58	Peaty Soil	1	6	1	6	Low
1285	Point	244147.78	679596.26	0.20	Soil	Granular		9.30	Peaty Soil	1	6	1	4	Negligible
1286	Point	244124.33	679605.98	1.50	Peat	Granular		2.06	Thin Peat	2	2	1	4	Negligible
1287	Point	244101.83	679616.56	1.30	Peat	Granular		1.98	Thin Peat	2	1	1	2	Negligible
1288	Point	244072.78	679625.23	1.00	Peat	Granular		2.13	Thin Peat	2	2	1	4	Negligible
1289	Point	244174.22	679722.05	1.90	Peat	Granular		5.38	Thick Peat	3	4	1	12	Low
1290	Point	244190.22	679319.78	0.70	Peat	Granular		6.49	Thin Peat	2	4	1	8	Low
1291	Point	244199.95	679366.48	0.70	Peat	Granular		8.45	Thin Peat	2	6	1	12	Low
1292	Point	244203.45	679417.34	0.80	Peat	Granular		7.37	Thin Peat	2	4	1	8	Low
1293	Point	244193.90	679466.91	0.40	Soil	Granular		7.12	Peaty Soil	1	4	1	4	Negligible
1294	Point	244187.09	679493.50	0.20	Soil	Granular		5.36	Peaty Soil	1	4	1	4	Negligible
1295	Point	244179.09	679501.56	0.40	Peat	Granular		6.34	Peaty Soil	1	4	1	4	Negligible
1296	Point	244171.62	679503.46	0.20	Peat	Granular		6.43	Peaty Soil	1	4	1	4	Negligible
1297	Point	244159.23	679509.94	0.20	Peat	Granular		7.35	Peaty Soil	1	4	1	4	Negligible
1298	Point	244151.75	679513.74	0.50	Peat	Granular		7.25	Peaty Soil	1	4	1	4	Negligible
1299	Point	244142.31	679518.00	0.50	Peat	Granular		7.90	Peaty Soil	1	4	1	4	Negligible
1300	Point	244133.82	679522.43	0.30	Peat	Granular		9.79	Peaty Soil	1	6	1	6	Low
1301	Point	244142.11	679540.36	0.20	Peat	Granular		7.60	Peaty Soil	1	4	1	4	Negligible
1302	Point	244136.81	679531.90	0.20	Peat	Granular		8.10	Peaty Soil	1	6	1	6	Low
1303	Point	244152.18	679536.15	0.30	Peat	Granular		7.94	Peaty Soil	1	4	1	4	Negligible
1304	Point	244148.87	679526.77	0.30	Peat	Granular		7.71	Peaty Soil	1	4	1	4	Negligible
1305	Point	244160.95	679531.05	0.60	Peat	Granular		7.92	Thin Peat	2	4	1	8	Low
1306	Point	244156.20	679522.56	0.40	Peat	Granular		6.97	Peaty Soil	1	4	1	4	Negligible
1307	Point	244165.35	679517.63	0.20	Peat	Granular		8.40	Peaty Soil	1	4	1	4	Negligible
1308	Point	244169.16	679527.20	0.50	Peat	Granular		6.43	Peaty Soil	1	4	1	4	Negligible
1309	Point	244177.96	679522.87	0.20	Peat	Granular		6.43	Peaty Soil	1	4	1	4	Negligible
1310	Point	244174.73	679514.27	0.20	Peat	Granular		6.42	Peaty Soil	1	4	1	4	Negligible
1311	Point	244187.18	679518.35	0.80	Peat	Granular		5.82	Thin Peat	2	4	1	8	Low
1312	Point	244183.72	679509.65	0.30	Peat	Granular		5.97	Peaty Soil	1	4	1	4	Negligible
1313	Point	244191.84	679503.97	0.70	Peat	Granular		5.73	Thin Peat	2	4	1	8	Low
1314	Point	244196.39	679513.56	0.80	Peat	Granular		5.77	Thin Peat	2	4	1	8	Low
1315	Point	244114.17	679522.75	0.70	Peat	Granular		10.25	Thin Peat	2	6	1	12	Low
1316	Point	244122.26	679540.42	0.10	Soil	Rock		9.91	Peaty Soil	1	6	2	12	Low
1317	Point	244098.48	679558.77	0.40	Soil	Granular		3.79	Peaty Soil	1	2	1	2	Negligible
1318	Point	244093.41	679536.11	1.00	Peat	Granular		4.58	Thin Peat	2	4	1	8	Low
1319	Point	244071.57	679547.35	0.70	Peat	Granular		3.98	Thin Peat	2	2	1	4	Negligible
1320	Point	244077.18	679568.01	0.70	Peat	Granular		3.84	Thin Peat	2	2	1	4	Negligible
1321	Point	244048.15	679557.91	0.90	Peat	Granular		6.45	Thin Peat	2	4	1	8	Low
1322	Point	244043.63	679579.07	0.60	Peat	Granular		1.72	Thin Peat	2	1	1	2	Negligible
1323	Point	244019.62	679552.04	1.00	Peat	Granular		1.80	Thin Peat	2	1	1	2	Negligible
1324	Point	244014.68	679579.32	1.50	Peat	Granular		1.71	Thin Peat	2	1	1	2	Negligible
1325	Point	243966.28	679581.17	1.50	Peat	Granular		1.72	Thin Peat	2	1	1	2	Negligible
1326	Point	243972.20	679554.82	1.50	Peat	Granular		2.07	Thin Peat	2	2	1	4	Negligible
1327	Point	243915.80	679547.30	2.50	Peat	Granular		2.07	Thick Peat	3	2	1	6	Low
1328	Point	243921.09	679573.70	3.30	Peat	Granular		2.04	Thick Peat	3	2	1	6	Low
1329	Point	243867.53	679549.51	0.00	Peat	Granular		2.06	No Peat	0	2	2	0	None
1330	Point	243848.52	679548.78	2.70	Peat	Rock		2.05	Thick Peat	3	2	1	12	Low
1331	Point	243769.46	679546.48	0.00	Peat	Granular		0.72	No Peat	0	1	1	0	None
1332	Point	243717.06	679546.06	3.60	Peat	Granular		1.18	Thick Peat	3	1	1	3	Negligible
1333	Point	243676.94	679520.33	2.00	Peat	Granular		0.78	Thick Peat	3	1	1	3	Negligible
1334	Point	243648.78	679481.45	1.60	Peat	Granular		1.32	Thick Peat	3	1	1	3	Negligible
1335	Point	243616.67	679443.23	1.50	Peat	Granular		1.00	Thin Peat	2	1	1	2	Negligible
1336	Point	243585.11	679403.47	0.90	Peat	Granular		2.52	Thin Peat	2	2	1	4	Negligible
1337	Point	243540.35	679378.18	0.90	Peat	Granular		3.38	Thin Peat	2	2	1	4	Negligible
1338	Point	243490.03	679374.19	0.50	Peat	Granular		3.35	Peaty Soil	1	2	1	2	Negligible
1339	Point	243492.13	679398.16	0.50	Peat	Granular		4.15	Peaty Soil	1	4	1	4	Negligible
1340	Point	243441.29	679386.05	0.70	Peat	Granular		2.52	Thin Peat	2	2	1	4	Negligible
1341	Point	243443.72	679407.98	0.70	Peat	Granular		2.52	Thin Peat	2	2	1	4	Negligible
1342	Point	243392.27	679393.47	0.40	Soil	Granular		2.90	Peaty Soil	1	2	1	2	Negligible
1343	Point	243395.23	679421.34	0.40	Soil	Granular		3.03	Peaty Soil	1	2	1	2	Negligible
1344	Point	243360.44	679378.75	0.40	Soil	Granular		4.08	Peaty Soil	1	4	1	4	Negligible
1345	Point	243342.83	679400.08	0.40	Soil	Granular		4.27	Peaty Soil	1	4	1	4	Negligible
1346	Point	243342.90	679330.69	0.50	Peat	Granular		1.33	Peaty Soil	1	1	1	1	Negligible
1347	Point	243338.43	679280.03	0.40	Soil	Granular		2.95	Peaty Soil	1	2	1	2	Negligible
1348	Point	243327.39	679356.24	0.40	Soil</									

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1376	Point	243424.72	679639.38	0.70	Peat	Granular		1.17	Thin Peat	2	1	1	2	Negligible
1377	Point	243412.98	679631.26	0.60	Peat	Granular		0.27	Thin Peat	2	1	1	2	Negligible
1378	Point	243410.46	679622.32	1.00	Peat	Granular		0.29	Thin Peat	2	1	1	2	Negligible
1379	Point	243420.53	679620.00	0.90	Peat	Granular		0.37	Thin Peat	2	1	1	2	Negligible
1380	Point	243423.00	679629.84	0.60	Peat	Granular		0.61	Thin Peat	2	1	1	2	Negligible
1381	Point	243408.01	679613.25	0.80	Peat	Granular		0.80	Thin Peat	2	1	1	2	Negligible
1382	Point	243418.07	679610.40	0.50	Peat	Granular		0.29	Peaty Soil	1	1	1	1	Negligible
1383	Point	243404.73	679603.47	0.70	Peat	Granular		0.74	Thin Peat	2	1	1	2	Negligible
1384	Point	243414.36	679600.87	0.70	Peat	Granular		0.29	Thin Peat	2	1	1	2	Negligible
1385	Point	243457.92	679577.03	0.30	Soil	Granular		3.00	Peaty Soil	1	2	1	2	Negligible
1386	Point	243434.58	679587.49	0.30	Soil	Granular		4.09	Peaty Soil	1	4	1	4	Negligible
1387	Point	243477.89	679595.26	0.70	Peat	Rock		1.86	Thin Peat	2	1	2	4	Negligible
1388	Point	243451.14	679700.50	0.30	Soil	Granular		3.65	Peaty Soil	1	2	1	2	Negligible
1389	Point	243467.93	679726.73	0.60	Peat	Granular		7.50	Thin Peat	2	4	1	8	Low
1390	Point	243484.35	679717.56	0.60	Peat	Granular		4.17	Thin Peat	2	4	1	8	Low
1391	Point	243445.24	679737.29	0.50	Peat	Granular		7.70	Peaty Soil	1	4	1	4	Negligible
1392	Point	243480.83	679775.67	0.70	Peat	Granular		4.06	Thin Peat	2	4	1	8	Low
1393	Point	243458.89	679786.40	0.80	Soil	Granular		4.29	Thin Peat	2	4	1	8	Low
1394	Point	243483.25	679822.28	0.40	Soil	Granular		6.23	Peaty Soil	1	4	1	4	Negligible
1395	Point	243453.60	679837.93	0.60	Peat	Granular		6.36	Thin Peat	2	4	1	8	Low
1396	Point	243465.24	679871.95	0.60	Peat	Granular		8.45	Thin Peat	2	6	1	12	Low
1397	Point	243464.99	679871.81	0.60	Peat	Granular		7.49	Thin Peat	2	4	1	8	Low
1398	Point	243428.99	679876.17	0.30	Soil	Granular		7.33	Peaty Soil	1	4	1	4	Negligible
1399	Point	243868.67	679576.56	4.00	Peat	Granular		2.06	Thick Peat	3	2	1	6	Low
1400	Point	243819.89	679574.68	3.10	Peat	Granular		1.31	Thick Peat	3	1	1	3	Negligible
1401	Point	243767.69	679574.69	3.90	Peat	Granular		0.80	Thick Peat	3	1	1	3	Negligible
1402	Point	243712.93	679571.69	3.60	Peat	Granular		1.18	Thick Peat	3	1	1	3	Negligible
1403	Point	243669.54	679553.63	1.20	Peat	Granular		2.05	Thin Peat	2	2	1	4	Negligible
1404	Point	243641.85	679513.97	1.30	Peat	Granular		4.21	Thin Peat	2	4	1	8	Low
1405	Point	243609.52	679475.28	1.30	Peat	Granular		5.20	Thin Peat	2	4	1	8	Low
1406	Point	243577.21	679436.18	0.70	Peat	Granular		4.88	Thin Peat	2	4	1	8	Low
1407	Point	243537.31	679406.64	0.50	Peat	Granular		5.17	Peaty Soil	1	4	1	4	Negligible
1408	Point	244013.85	679376.88	2.70	Peat	Granular		1.92	Thick Peat	3	1	1	3	Negligible
1409	Point	244016.45	679326.03	3.90	Peat	Granular		0.89	Thick Peat	3	1	1	3	Negligible
1410	Point	244061.96	679882.85	2.00	Peat	Granular		1.16	Thick Peat	3	1	1	3	Negligible
1411	Point	244065.95	679830.40	0.00	Peat	Granular		0.97	No Peat	0	1	1	0	None
1412	Point	244069.39	679782.71	0.00	Peat	Granular		0.97	No Peat	0	1	1	0	None
1413	Point	244073.25	679733.19	0.00	Peat	Granular		0.35	No Peat	0	1	1	0	None
1414	Point	244074.39	679684.90	3.50	Peat	Granular		0.39	Thick Peat	3	1	1	3	Negligible
1415	Point	244045.81	679680.07	3.40	Peat	Granular		1.32	Thick Peat	3	1	1	3	Negligible
1416	Point	244057.00	679637.29	3.60	Peat	Granular		2.06	Thick Peat	3	2	1	6	Low
1417	Point	244031.78	679633.59	3.60	Peat	Granular		1.92	Thick Peat	3	1	1	3	Negligible
1418	Point	244007.01	679631.58	3.80	Peat	Granular		1.72	Thick Peat	3	1	1	3	Negligible
1419	Point	244019.60	679676.72	2.40	Peat	Granular		2.01	Thick Peat	3	2	1	6	Low
1420	Point	244041.29	679877.19	3.10	Peat	Granular		1.16	Thick Peat	3	1	1	3	Negligible
1421	Point	244043.77	679833.25	3.70	Peat	Granular		0.89	Thick Peat	3	1	1	3	Negligible
1422	Point	244048.09	679782.88	3.90	Peat	Rock		0.89	Thick Peat	3	1	2	6	Low
1423	Point	244021.14	679775.74	0.00	Peat	Granular		1.40	No Peat	0	1	1	0	None
1424	Point	244025.61	679726.14	4.00	Peat	Granular		1.32	Thick Peat	3	1	1	3	Negligible
1425	Point	244051.42	679732.43	4.00	Peat	Granular		1.03	Thick Peat	3	1	1	3	Negligible
1426	Point	243266.55	679831.99	0.30	Superficial	Granular		9.28	Peaty Soil	1	6	1	6	Low
1427	Point	243323.22	679831.26	0.20	Superficial	Granular		13.79	Peaty Soil	1	8	1	8	Low
1428	Point	243332.18	679858.08	0.50	Superficial	Granular		11.23	Peaty Soil	1	6	1	6	Low
1429	Point	242817.82	679264.96	0.40	Soil	Granular		4.50	Peaty Soil	1	4	1	4	Negligible
1430	Point	243043.82	679264.69	0.80	Peat	Granular		1.69	Thin Peat	2	1	1	2	Negligible
1431	Point	243093.74	679264.95	1.10	Peat	Granular		0.72	Thin Peat	2	1	1	2	Negligible
1432	Point	243141.63	679263.04	0.90	Peat	Granular		1.34	Thin Peat	2	1	1	2	Negligible
1433	Point	243283.91	679263.09	0.70	Peat	Granular		4.26	Thin Peat	2	4	1	8	Low
1434	Point	243207.11	679260.08	0.50	Peat	Granular		3.12	Peaty Soil	1	2	1	2	Negligible
1435	Point	244255.92	679197.52	0.70	Peat	Rock		3.21	Thin Peat	2	2	2	8	Low
1436	Point	244229.71	679154.94	0.60	Peat	Granular		3.10	Thin Peat	2	2	1	4	Negligible
1437	Point	244204.79	679109.31	0.30	Peat	Granular		1.85	Peaty Soil	1	1	1	1	Negligible
1438	Point	244164.25	679016.23	1.20	Peat	Granular		0.89	Thin Peat	2	1	1	2	Negligible
1439	Point	244127.62	678992.96	1.50	Peat	Granular		1.84	Thin Peat	2	1	1	2	Negligible
1440	Point	244075.75	678981.09	0.50	Peat	Granular		1.12	Peaty Soil	1	1	1	1	Negligible
1441	Point	244030.24	678976.06	0.20	Peat	Granular		1.99	Peaty Soil	1	1	1	1	Negligible
1442	Point	244224.25	679190.96	0.50	Superficial	Granular		3.26	Peaty Soil	1	2	1	2	Negligible
1443	Point	244179.72	679102.01	0.50	Superficial	Granular		1.89	Peaty Soil	1	1	1	1	Negligible
1444	Point	244163.20	679056.58	0.50	Superficial	Granular		2.11	Peaty Soil	1	2	1	2	Negligible
1445	Point	244128.54	679015.95	0.90	Peat	Granular		0.74	Thin Peat	2	1	1	2	Negligible
1446	Point	244080.26	679006.42	0.20	Superficial	Granular		1.49	Peaty Soil	1	1	1	1	Negligible
1447	Point	244031.01	678997.42	0.40	Superficial	Granular		5.63	Peaty Soil	1	4	1	4	Negligible
1448	Point	242909.60	679129.75	0.00	Superficial	Granular		4.40	No Peat	0	4	1	0	None
1449	Point	243011.85	679233.16	0.00	Superficial	Granular		3.85	No Peat	0	2	1	0	None
1450	Point	243200.03	679232.06	0.30	Peat	Granular		5.30	Peaty Soil	1	4	1	4	Negligible
1451	Point	243218.71	679130.37	0.30	Soil	Granular		2.41	Peaty Soil	1	2	1	2	Negligible
1452	Point	243225.91	679050.83	0.30	Soil	Granular		4.29	Peaty Soil	1	4	1	4	Negligible
1453	Point	243423.00	679171.77	0.40	Superficial	Granular		7.44	Peaty Soil	1	4	1	4	Negligible
1454	Point	243428.15	679253.28	1.20	Peat	Granular		0.15	Thin Peat	2	1	1	2	Negligible
1455	Point	243395.76	678654.47	0.00	Superficial	Granular		6.63	No Peat	0	4	1	0	None
1456	Point	243405.06	678652.19	0.30	Superficial	Granular		7.00	Peaty Soil	1	4	1	4	Negligible
1457	Point	243402.78	678756.94	0.30	Superficial	Granular		6.61	Peaty Soil	1	4	1	4	Negligible
1458	Point	243510.94	678751.24	0.00	Superficial	Granular		8.25	No Peat	0	6	1	0	None
1459	Point	243606.58	678846.88	0.10	Superficial	Granular		3.86	Peaty Soil	1	2	1	2	Negligible
1460	Point	243607.72	678945.93	0.10	Superficial	Granular		7.71	Peaty Soil	1	4	1	4	Negligible
1461	Point	243508.66	679056.37	0.10	Superficial	Granular		7.52	Peaty Soil	1	4	1	4	Negligible
1462	Point	243691.27	678874.72	0.30	Peat	Granular		5.90	Peaty Soil	1	4	1	4	Negligible
1463	Point	243738.25	679060.80	0.30	Superficial	Granular		9.65	Peaty Soil	1	6	1	6	Low
1464	Point	243803.81	679148.76	0.30	Soil	Granular		7.44	Peaty Soil	1	4	1	4	Negligible
1465	Point	243790.15	679055.40	0.30	Superficial	Granular		8.01	Peaty Soil	1	6	1	6	Low
1466	Point	243798.50	679240.77	0.20	Peat	Granular		7.64	Peaty Soil	1	4	1	4	Negligible
1467	Point	243896.31	679246.66	0.30	Superficial	Granular		3.65	Peaty Soil	1	2	1	2	Negligible
1468	Point	244097.79	679256.91	0.10	Superficial	Granular		4.39	Peaty Soil	1	4	1	4	Negligible
1469	Point	244095.65	679139.74	0.60	Peat	Granular		2.79	Thin Peat	2	2	1	4	Negligible
1470	Point	244505.43	679256.91	0.50	Peat	Granular		6.86	Peaty Soil	1	4	1	4	Negligible
1471	Point	244503.15	679152.16	0.50	Peat	Granular		3.79	Peaty Soil	1	2	1	2	Negligible
1472	Point	244391.27	679045.89	1.80	Peat	Granular		2.81	Thick Peat	3	2	1	6	Low
1473	Point	244493.72	679031.80	1.8										

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1501	Point	244117.99	678947.25	0.60	Peat	Granular		1.96	Thin Peat	2	1	2	2	Negligible
1502	Point	243892.56	678938.14	0.20	Superficial	Granular		2.67	Peaty Soil	1	2	1	2	Negligible
1503	Point	244042.19	678852.60	1.20	Peat	Granular		3.46	Thin Peat	2	2	1	4	Negligible
1504	Point	243899.64	678850.25	0.20	Superficial	Granular		2.31	Peaty Soil	1	2	1	2	Negligible
1505	Point	243800.58	678849.11	0.30	Superficial	Granular		3.25	Peaty Soil	1	2	1	2	Negligible
1506	Point	243920.51	678761.20	2.10	Peat	Granular		0.08	Thick Peat	3	1	1	3	Negligible
1507	Point	243913.64	678657.85	2.70	Peat	Granular		2.38	Thick Peat	3	2	1	6	Low
1508	Point	243818.99	678648.94	0.90	Peat	Granular		3.84	Thin Peat	2	2	1	4	Negligible
1509	Point	243802.74	678740.41	0.30	Peat	Granular		1.25	Peaty Soil	1	1	1	1	Negligible
1510	Point	243715.49	678750.59	0.20	Superficial	Granular		3.52	Peaty Soil	1	2	1	3	Negligible
1511	Point	243600.68	678751.33	0.10	Superficial	Granular		8.30	Peaty Soil	1	6	1	6	Low
1512	Point	243688.50	678650.60	0.20	Superficial	Granular		1.79	Peaty Soil	1	1	1	1	Negligible
1513	Point	243608.51	678645.92	0.20	Superficial	Granular		2.54	Peaty Soil	1	2	1	2	Negligible
1514	Point	243499.78	678641.94	0.20	Superficial	Granular		7.27	Peaty Soil	1	4	1	4	Negligible
1515	Point	244116.25	678721.31	3.20	Peat	Granular		0.65	Thick Peat	3	1	1	3	Negligible
1516	Point	242826.85	678667.83	0.30	Peat	Granular		3.93	Peaty Soil	1	2	1	2	Negligible
1517	Point	242901.11	678651.20	0.40	Superficial	Granular		7.75	Peaty Soil	1	4	1	4	Negligible
1518	Point	242962.86	678754.41	0.50	Superficial	Granular		2.51	Peaty Soil	1	2	1	2	Negligible
1519	Point	243028.75	678851.16	0.20	Superficial	Granular		4.22	Peaty Soil	1	4	1	4	Negligible
1520	Point	243083.93	678848.41	0.30	Superficial	Granular		8.93	Peaty Soil	1	6	1	6	Low
1521	Point	243178.12	678937.30	0.30	Superficial	Granular		4.06	Peaty Soil	1	4	1	4	Negligible
1522	Point	243095.05	678934.53	0.30	Superficial	Granular		4.32	Peaty Soil	1	4	1	4	Negligible
1523	Point	242722.15	678953.88	0.20	Soil	Granular		4.10	Peaty Soil	1	4	1	4	Negligible
1524	Point	242806.97	678942.56	0.10	Soil	Granular		3.77	Peaty Soil	1	2	1	2	Negligible
1525	Point	242882.43	679024.16	0.50	Soil	Granular		2.49	Peaty Soil	1	2	1	2	Negligible
1526	Point	243105.00	679252.60	0.90	Soil	Granular		0.51	Thin Peat	2	1	1	2	Negligible
1527	Point	243300.89	679257.54	0.90	Soil	Granular		2.78	Thin Peat	2	2	1	4	Negligible
1528	Point	243304.38	679144.52	0.90	Soil	Granular		1.14	Thin Peat	2	1	1	2	Negligible
1529	Point	243307.90	679061.03	0.70	Soil	Granular		6.62	Thin Peat	2	4	1	8	Low
1530	Point	243523.41	679233.30	0.90	Soil	Granular		2.59	Thin Peat	2	2	1	4	Negligible
1531	Point	242511.53	678851.03	0.10	Soil	Granular		4.29	Peaty Soil	1	4	1	4	Negligible
1532	Point	242615.06	678858.29	0.10	Soil	Granular		2.51	Peaty Soil	1	2	1	2	Negligible
1533	Point	242586.00	678754.76	0.20	Soil	Granular		0.52	Peaty Soil	1	1	1	1	Negligible
1534	Point	244676.91	678538.22	0.40	Soil	Granular		7.93	Peaty Soil	1	4	1	4	Negligible
1535	Point	244393.58	678660.35	0.20	Soil	Granular		14.38	Peaty Soil	1	8	1	8	Low
1536	Point	244313.02	678650.76	0.20	Soil	Granular		23.36	Peaty Soil	1	8	1	8	Low
1537	Point	244208.08	678654.25	0.10	Soil	Granular		8.41	Peaty Soil	1	6	1	6	Low
1538	Point	244519.58	678747.09	0.40	Soil	Granular		8.50	Peaty Soil	1	6	1	6	Low
1539	Point	243644.07	678631.23	0.40	Soil	Granular		2.11	Peaty Soil	1	2	1	2	Negligible
1540	Point	243813.13	678627.59	0.40	Soil	Granular		2.62	Peaty Soil	1	2	1	2	Negligible
1541	Point	243561.20	678683.07	0.20	Soil	Granular		7.77	Peaty Soil	1	4	1	4	Negligible
1542	Point	243513.94	678734.71	0.10	Soil	Granular		8.37	Peaty Soil	1	6	1	6	Low
1543	Point	243412.38	678749.21	0.10	Soil	Granular		7.71	Peaty Soil	1	4	1	4	Negligible
1544	Point	243325.34	678665.79	0.10	Soil	Granular		8.80	Peaty Soil	1	6	1	6	Low
1545	Point	243455.91	678640.41	0.10	Soil	Granular		7.72	Peaty Soil	1	4	1	4	Negligible
1546	Point	243597.36	678745.59	0.20	Soil	Granular		8.28	Peaty Soil	1	6	1	6	Low
1547	Point	243706.17	678727.45	0.20	Soil	Granular		3.95	Peaty Soil	1	2	1	2	Negligible
1548	Point	243608.24	678847.14	0.20	Soil	Granular		3.86	Peaty Soil	1	2	1	2	Negligible
1549	Point	242757.74	679256.70	0.10	Soil	Granular		7.03	Peaty Soil	1	4	1	4	Negligible
1550	Point	242768.63	679257.83	0.20	Soil	Granular		7.06	Peaty Soil	1	4	1	4	Negligible
1551	Point	242777.68	679258.30	0.30	Soil	Granular		6.96	Peaty Soil	1	4	1	4	Negligible
1552	Point	242787.90	679256.70	0.10	Soil	Granular		5.75	Peaty Soil	1	4	1	4	Negligible
1553	Point	242797.96	679257.22	0.30	Soil	Granular		4.53	Peaty Soil	1	4	1	4	Negligible
1554	Point	242807.33	679256.51	0.10	Soil	Granular		4.48	Peaty Soil	1	4	1	4	Negligible
1555	Point	242817.74	679255.44	0.50	Soil	Granular		4.60	Peaty Soil	1	4	1	4	Negligible
1556	Point	242815.07	679246.55	0.10	Soil	Granular		4.99	Peaty Soil	1	4	1	4	Negligible
1557	Point	242807.10	679246.14	0.30	Soil	Granular		4.71	Peaty Soil	1	4	1	4	Negligible
1558	Point	242797.80	679246.51	0.40	Soil	Granular		5.84	Peaty Soil	1	4	1	4	Negligible
1559	Point	242787.20	679246.57	0.20	Soil	Granular		6.58	Peaty Soil	1	4	1	4	Negligible
1560	Point	242778.04	679248.39	0.10	Soil	Granular		6.28	Peaty Soil	1	4	1	4	Negligible
1561	Point	242768.18	679246.29	0.20	Soil	Granular		6.19	Peaty Soil	1	4	1	4	Negligible
1562	Point	242759.97	679248.58	0.20	Soil	Granular		6.05	Peaty Soil	1	4	1	4	Negligible
1563	Point	243193.43	679254.56	0.50	Peat	Granular		3.13	Peaty Soil	1	2	1	2	Negligible
1564	Point	243243.90	679252.65	0.10	Soil	Granular		4.49	Peaty Soil	1	4	1	4	Negligible
1565	Point	243331.17	679230.20	0.40	Peat	Granular		2.72	Peaty Soil	1	2	1	2	Negligible
1566	Point	243328.60	679181.77	0.90	Peat	Granular		3.03	Thin Peat	2	2	1	4	Negligible
1567	Point	243312.16	679133.61	0.50	Peat	Granular		1.53	Peaty Soil	1	1	1	1	Negligible
1568	Point	243290.02	679088.95	0.10	Soil	Granular		3.02	Peaty Soil	1	2	1	2	Negligible
1569	Point	243258.39	679048.82	0.20	Soil	Granular		5.48	Peaty Soil	1	4	1	4	Negligible
1570	Point	243263.85	679019.47	0.30	Soil	Granular		9.29	Peaty Soil	1	6	1	6	Low
1571	Point	243254.33	679013.71	0.30	Soil	Granular		9.15	Peaty Soil	1	6	1	6	Low
1572	Point	243246.61	679006.15	0.50	Peat	Granular		8.59	Peaty Soil	1	6	1	6	Low
1573	Point	243240.59	678999.65	0.50	Soil	Granular		8.15	Peaty Soil	1	6	1	6	Low
1574	Point	243233.62	678993.24	0.70	Soil	Granular		8.15	Thin Peat	2	6	1	12	Low
1575	Point	243226.03	678987.05	0.40	Soil	Granular		8.15	Peaty Soil	1	6	1	6	Low
1576	Point	243219.71	678978.70	0.50	Soil	Granular		8.20	Peaty Soil	1	6	1	6	Low
1577	Point	243212.58	678988.10	0.60	Soil	Granular		5.67	Thin Peat	2	4	1	8	Low
1578	Point	243220.34	678992.83	0.20	Soil	Granular		8.15	Peaty Soil	1	6	1	6	Low
1579	Point	243226.12	679000.39	0.50	Soil	Granular		8.15	Peaty Soil	1	6	1	6	Low
1580	Point	243233.45	679008.01	0.20	Soil	Granular		8.15	Peaty Soil	1	4	1	4	Negligible
1581	Point	243241.50	679014.71	0.50	Soil	Granular		7.78	Peaty Soil	1	4	1	4	Negligible
1582	Point	243248.35	679021.82	0.20	Soil	Granular		9.48	Peaty Soil	1	6	1	6	Low
1583	Point	243255.65	679028.16	0.10	Soil	Granular		9.48	Peaty Soil	1	6	1	6	Low
1584	Point	243248.60	679035.70	0.40	Soil	Granular		7.79	Peaty Soil	1	4	1	4	Negligible
1585	Point	243241.76	679027.25	0.90	Soil	Granular		8.79	Thin Peat	2	6	1	12	Low
1586	Point	243234.75	679021.72	0.50	Soil	Granular		8.15	Peaty Soil	1	6	1	6	Low
1587	Point	243226.85	679015.04	0.40	Soil	Granular		7.31	Peaty Soil	1	4	1	4	Negligible
1588	Point	243218.86	679007.50	0.50	Soil	Granular		4.77	Peaty Soil	1	4	1	4	Negligible
1589	Point	243211.46	679001.60	0.70	Soil	Granular		5.42	Thin Peat	2	4	1	8	Low
1590	Point	243205.57	678994.00	0.20	Soil	Granular		5.44	Peaty Soil	1	4	1	4	Negligible
1591	Point	243197.70	679001.29	0.40	Soil	Granular		5.41	Peaty Soil	1	4	1	4	Negligible
1592	Point	243204.95	679008.08	0.10	Soil	Granular		5.41	Peaty Soil	1	4	1	4	Negligible
1593	Point	243212.81	679015.33	0.10	Soil	Granular		5.45	Peaty Soil	1	4	1	4	Negligible
1594	Point	243220.47	679021.74	0.30	Soil	Granular		4.95	Peaty Soil	1	4	1	4	Negligible
1595	Point	243226.78	679029.17	0.30	Soil	Granular		5.63	Peaty Soil	1	4	1	4	Negligible
1596	Point	243234.91	679035.77	0.10	Soil	Granular		6.66	Peaty Soil	1	4	1	4	Negligible
1597	Point	243241.52	679041.75	0.20	Soil	Granular		6.50	Peaty Soil	1	4	1	4	Negligible
1598	Point	243234.49	679049.02	0.70										



ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1626	Point	242994.78	678837.07	0.70	Peat	Granular		5.17	Thin Peat	2	4	1	8	Low
1627	Point	242969.44	678777.50	0.30	Soil	Granular		5.90	Peaty Soil	1	4	1	4	Negligible
1628	Point	242958.16	678804.00	0.70	Peat	Granular		3.68	Thin Peat	2	2	1	4	Negligible
1629	Point	242935.06	678741.19	0.40	Soil	Granular		3.53	Peaty Soil	1	2	1	2	Negligible
1630	Point	242922.63	678766.84	0.80	Peat	Granular		1.38	Thin Peat	2	1	1	2	Negligible
1631	Point	242900.20	678704.47	0.10	Soil	Granular		7.75	Peaty Soil	1	4	1	4	Negligible
1632	Point	242891.72	678730.18	0.80	Peat	Granular		2.29	Thin Peat	2	2	1	4	Negligible
1633	Point	242864.24	678666.40	0.10	Soil	Granular		7.74	Peaty Soil	1	4	1	4	Negligible
1634	Point	242854.22	678692.99	0.80	Peat	Granular		4.34	Thin Peat	2	4	1	4	Low
1635	Point	242823.39	678650.99	0.70	Peat	Granular		3.19	Thin Peat	2	2	1	4	Negligible
1636	Point	242830.78	678631.58	0.60	Peat	Granular		6.72	Thin Peat	2	4	1	8	Low
1637	Point	242759.69	679218.75	0.60	Peat	Granular		7.03	Thin Peat	2	4	1	8	Low
1638	Point	242768.71	679216.16	0.70	Peat	Granular		5.58	Thin Peat	2	4	1	8	Low
1639	Point	242778.00	679217.00	0.60	Peat	Granular		4.79	Thin Peat	2	4	1	8	Low
1640	Point	242789.32	679215.68	0.30	Soil	Granular		4.73	Peaty Soil	1	4	1	4	Negligible
1641	Point	242798.94	679217.69	0.30	Soil	Granular		4.76	Peaty Soil	1	4	1	4	Negligible
1642	Point	242808.75	679216.09	0.40	Soil	Granular		4.84	Peaty Soil	1	4	1	4	Negligible
1643	Point	242818.10	679216.94	0.40	Soil	Granular		4.93	Peaty Soil	1	4	1	4	Negligible
1644	Point	242818.13	679227.48	0.50	Peat	Granular		4.73	Peaty Soil	1	4	1	4	Negligible
1645	Point	242807.68	679227.58	0.30	Soil	Granular		4.75	Peaty Soil	1	4	1	4	Negligible
1646	Point	242798.00	679227.00	0.60	Peat	Granular		4.75	Thin Peat	2	4	1	8	Low
1647	Point	242788.25	679226.57	0.60	Peat	Granular		4.80	Thin Peat	2	4	1	8	Low
1648	Point	242777.74	679227.23	0.30	Soil	Granular		6.14	Peaty Soil	1	4	1	4	Negligible
1649	Point	242766.95	679225.79	0.20	Soil	Rock		6.42	Peaty Soil	1	4	2	8	Low
1650	Point	242758.00	679227.00	0.40	Soil	Granular		6.05	Peaty Soil	1	4	1	4	Negligible
1651	Point	242758.00	679237.00	0.20	Soil	Granular		5.91	Peaty Soil	1	4	1	4	Negligible
1652	Point	242769.55	679235.90	0.40	Soil	Granular		5.89	Peaty Soil	1	4	1	4	Negligible
1653	Point	242778.00	679237.00	0.30	Soil	Granular		6.00	Peaty Soil	1	4	1	4	Negligible
1654	Point	242789.46	679237.40	0.30	Soil	Granular		5.98	Peaty Soil	1	4	1	4	Negligible
1655	Point	242797.73	679236.93	0.30	Soil	Granular		5.04	Peaty Soil	1	4	1	4	Negligible
1656	Point	242809.42	679235.99	0.40	Soil	Granular		4.81	Peaty Soil	1	4	1	4	Negligible
1657	Point	242815.57	679235.75	0.30	Soil	Granular		5.18	Peaty Soil	1	4	1	4	Negligible
1658	Point	242834.29	679218.17	0.40	Soil	Granular		4.38	Peaty Soil	1	4	1	4	Negligible
1659	Point	242834.57	679245.99	0.40	Soil	Granular		5.67	Peaty Soil	1	4	1	4	Negligible
1660	Point	242860.00	679243.68	0.70	Peat	Granular		5.38	Thin Peat	2	4	1	8	Low
1661	Point	242858.81	679219.45	0.40	Soil	Granular		7.47	Peaty Soil	1	4	1	4	Negligible
1662	Point	242884.82	679216.90	0.60	Peat	Granular		7.57	Thin Peat	2	4	1	8	Low
1663	Point	242885.25	679245.76	0.80	Peat	Granular		4.09	Thin Peat	2	4	1	8	Low
1664	Point	242911.78	679241.74	0.30	Soil	Granular		3.23	Peaty Soil	1	2	1	2	Negligible
1665	Point	242868.18	679227.99	0.20	Soil	Granular		5.74	Peaty Soil	1	4	1	4	Negligible
1666	Point	242909.41	679216.78	0.80	Peat	Granular		6.81	Thin Peat	2	4	1	8	Low
1667	Point	242935.37	679247.10	0.70	Peat	Granular		3.49	Thin Peat	2	2	1	4	Negligible
1668	Point	242985.08	679244.84	0.90	Peat	Granular		2.19	Thin Peat	2	2	1	4	Negligible
1669	Point	242967.14	679221.59	0.70	Peat	Granular		5.51	Thin Peat	2	4	1	8	Low
1670	Point	243017.21	679215.69	0.80	Peat	Granular		7.55	Thin Peat	2	4	1	8	Low
1671	Point	243037.43	679240.22	0.70	Peat	Granular		1.74	Thin Peat	2	1	1	2	Negligible
1672	Point	243065.34	679214.62	0.40	Soil	Granular		8.85	Peaty Soil	1	6	1	6	Low
1673	Point	243086.00	679236.99	1.00	Peat	Granular		1.07	Thin Peat	2	1	1	2	Negligible
1674	Point	243115.44	679211.60	0.60	Peat	Granular		3.61	Thin Peat	2	2	1	4	Negligible
1675	Point	243138.11	679234.96	0.80	Peat	Granular		1.33	Thin Peat	2	1	1	2	Negligible
1676	Point	243165.06	679207.16	0.50	Peat	Granular		3.45	Peaty Soil	1	2	1	2	Negligible
1677	Point	243187.33	679229.34	0.80	Peat	Granular		4.15	Thin Peat	2	4	1	8	Low
1678	Point	243214.86	679202.99	0.50	Soil	Granular		3.02	Peaty Soil	1	2	1	2	Negligible
1679	Point	243236.30	679229.27	0.50	Soil	Granular		5.36	Peaty Soil	1	4	1	4	Negligible
1680	Point	243271.94	679166.52	1.40	Peat	Granular		3.05	Thin Peat	2	2	1	4	Negligible
1681	Point	243263.47	679203.94	2.70	Peat	Granular		2.56	Thick Peat	3	2	1	6	Low
1682	Point	243285.91	679235.99	1.80	Peat	Rock		2.56	Thick Peat	3	2	2	12	Low
1683	Point	243208.63	679211.73	0.40	Soil	Granular		3.04	Peaty Soil	1	2	1	2	Negligible
1684	Point	243296.89	679164.14	0.90	Peat	Granular		1.14	Thin Peat	2	1	1	2	Negligible
1685	Point	243278.10	679116.88	0.70	Peat	Granular		2.51	Thin Peat	2	2	1	4	Negligible
1686	Point	243251.33	679120.23	0.80	Peat	Granular		2.84	Thin Peat	2	2	1	4	Negligible
1687	Point	243249.84	679075.55	0.80	Peat	Granular		3.45	Thin Peat	2	2	1	4	Negligible
1688	Point	243220.36	679082.49	0.80	Peat	Granular		3.85	Thin Peat	2	2	1	4	Negligible
1689	Point	243219.15	679064.10	0.90	Peat	Granular		4.17	Thin Peat	2	4	1	8	Low
1690	Point	243214.00	679057.59	1.00	Peat	Granular		5.36	Thin Peat	2	4	1	8	Low
1691	Point	243206.99	679049.52	0.70	Peat	Granular		5.74	Thin Peat	2	4	1	8	Low
1692	Point	243197.09	679044.88	0.90	Peat	Granular		5.43	Thin Peat	2	4	1	8	Low
1693	Point	243192.14	679037.05	0.80	Peat	Granular		5.45	Thin Peat	2	4	1	8	Low
1694	Point	243184.85	679030.20	1.00	Peat	Granular		5.41	Thin Peat	2	4	1	8	Low
1695	Point	243177.63	679021.90	1.00	Peat	Granular		5.15	Thin Peat	2	4	1	8	Low
1696	Point	243162.86	679011.52	0.50	Peat	Granular		5.44	Peaty Soil	1	4	1	4	Negligible
1697	Point	243144.48	678995.63	0.40	Soil	Granular		3.72	Peaty Soil	1	2	1	2	Negligible
1698	Point	243124.87	678978.65	0.80	Peat	Granular		5.85	Thin Peat	2	4	1	8	Low
1699	Point	243106.79	678960.50	0.30	Soil	Granular		5.85	Peaty Soil	1	4	1	4	Negligible
1700	Point	243073.81	678946.51	0.80	Peat	Granular		3.79	Thin Peat	2	2	1	4	Negligible
1701	Point	243033.08	678911.77	0.60	Peat	Granular		6.11	Thin Peat	2	4	1	8	Low
1702	Point	242997.26	678880.32	0.30	Soil	Granular		4.37	Peaty Soil	1	4	1	4	Negligible
1703	Point	242961.18	678842.40	0.70	Peat	Granular		11.87	Thin Peat	2	6	1	12	Low
1704	Point	242930.57	678808.57	0.30	Soil	Granular		2.86	Peaty Soil	1	2	1	2	Negligible
1705	Point	242894.12	678771.13	0.40	Soil	Granular		4.04	Peaty Soil	1	4	1	4	Negligible
1706	Point	242860.35	678737.40	0.50	Peat	Granular		1.80	Peaty Soil	1	1	1	1	Negligible
1707	Point	242826.32	678700.83	0.30	Soil	Granular		3.22	Peaty Soil	1	2	1	2	Negligible
1708	Point	242789.00	678664.95	0.50	Peat	Granular		2.32	Peaty Soil	1	2	1	2	Negligible
1709	Point	242757.25	678628.99	0.60	Peat	Granular		2.36	Thin Peat	2	2	1	4	Negligible
1710	Point	243759.45	678825.14	0.60	Peat	Granular		5.03	Thin Peat	2	4	1	8	Low
1711	Point	243765.28	678828.89	0.40	Peat	Granular		4.41	Peaty Soil	1	4	1	4	Negligible
1712	Point	243774.05	678834.35	0.60	Peat	Granular		3.55	Thin Peat	2	2	1	4	Negligible
1713	Point	243782.81	678839.75	0.80	Peat	Granular		3.25	Thin Peat	2	2	1	4	Negligible
1714	Point	243791.18	678846.15	0.90	Peat	Granular		3.23	Thin Peat	2	2	1	4	Negligible
1715	Point	243800.13	678853.06	0.70	Peat	Granular		3.21	Thin Peat	2	2	1	4	Negligible
1716	Point	243804.82	678858.74	0.20	Peat	Granular		3.21	Peaty Soil	1	2	1	2	Negligible
1717	Point	243801.34	678864.81	0.40	Peat	Granular		3.06	Peaty Soil	1	2	1	2	Negligible
1718	Point	243793.71	678860.83	0.40	Peat	Granular		3.23	Peaty Soil	1	2	1	2	Negligible
1719	Point	243784.27	678855.27	0.70	Peat	Granular		3.21	Thin Peat	2	2	1	4	Negligible
1720	Point	243776.76	678849.79	0.90	Peat	Granular		3.23	Thin Peat	2	2	1	4	Negligible
1721	Point	243768.38	678843.15	0.90	Peat	Granular		3.58	Thin Peat	2	2	1	4	Negligible
1722	Point	243760.79	678836.94	0.60	Peat	Granular		4.60	Thin Peat	2	4	1	8	Low
1723	Point	243751.89	678830.84	0.50	Peat	Granular		5.84						

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1751	Point	244153.71	679118.05	0.20	Peat	Granular		1.14	Peaty Soil	1	1	1	1	Negligible
1752	Point	244146.89	679153.40	0.40	Peat	Granular		1.34	Peaty Soil	1	1	1	1	Negligible
1753	Point	244175.33	679161.31	0.70	Peat	Granular		3.28	Thin Peat	2	2	1	4	Negligible
1754	Point	244167.35	679196.51	0.20	Peat	Granular		3.92	Peaty Soil	1	2	1	2	Negligible
1755	Point	244199.39	679205.61	0.20	Peat	Granular		3.72	Peaty Soil	1	2	1	2	Negligible
1756	Point	244189.20	679244.38	1.00	Peat	Granular		3.92	Thin Peat	2	2	1	4	Negligible
1757	Point	244223.03	679247.78	1.30	Peat	Granular		5.12	Thin Peat	2	4	1	8	Low
1758	Point	243180.55	678994.88	0.50	Peat	Granular		1.71	Peaty Soil	1	1	1	1	Negligible
1759	Point	243196.38	678976.38	0.50	Peat	Granular		4.24	Peaty Soil	1	4	1	4	Negligible
1760	Point	243158.11	678909.55	0.50	Peat	Granular		3.77	Peaty Soil	1	2	1	2	Negligible
1761	Point	243145.83	678930.32	0.60	Peat	Granular		2.56	Thin Peat	2	2	1	4	Negligible
1762	Point	243165.20	678945.36	0.30	Soil	Granular		5.76	Peaty Soil	1	4	1	4	Negligible
1763	Point	243180.50	678959.26	0.40	Soil	Granular		3.68	Peaty Soil	1	4	1	2	Negligible
1764	Point	243223.07	678873.18	0.90	Peat	Granular		6.06	Thin Peat	2	4	1	8	Low
1765	Point	243228.98	678864.24	0.90	Peat	Granular		6.55	Thin Peat	2	4	1	8	Low
1766	Point	243233.32	678878.44	0.70	Peat	Granular		6.05	Thin Peat	2	4	1	8	Low
1767	Point	243236.73	678870.23	0.80	Peat	Granular		6.03	Thin Peat	2	4	1	8	Low
1768	Point	243240.74	678883.76	0.50	Peat	Granular		6.02	Peaty Soil	1	4	1	4	Negligible
1769	Point	243245.94	678876.86	0.80	Peat	Granular		6.05	Thin Peat	2	4	1	8	Low
1770	Point	243248.05	678890.38	0.90	Peat	Granular		6.05	Thin Peat	2	4	1	8	Low
1771	Point	243254.09	678881.05	0.80	Peat	Granular		6.05	Thin Peat	2	4	1	8	Low
1772	Point	243256.08	678895.31	0.80	Peat	Granular		4.85	Thin Peat	2	4	1	8	Low
1773	Point	243262.36	678887.33	0.70	Peat	Granular		6.42	Thin Peat	2	4	1	8	Low
1774	Point	243264.80	678901.25	0.50	Peat	Granular		6.18	Peaty Soil	1	4	1	4	Negligible
1775	Point	243272.05	678893.13	0.80	Peat	Granular		6.84	Thin Peat	2	4	1	8	Low
1776	Point	243272.71	678905.68	0.70	Peat	Granular		8.35	Thin Peat	2	6	1	12	Low
1777	Point	243277.98	678898.32	0.80	Peat	Granular		6.01	Thin Peat	2	4	1	8	Low
1778	Point	243284.10	678889.94	0.70	Peat	Granular		2.67	Thin Peat	2	2	1	4	Negligible
1779	Point	243290.03	678880.65	0.70	Peat	Granular		2.66	Thin Peat	2	2	1	4	Negligible
1780	Point	243281.40	678875.41	0.40	Soil	Granular		2.66	Peaty Soil	1	2	1	2	Negligible
1781	Point	243276.51	678883.22	0.70	Peat	Granular		2.66	Thin Peat	2	2	1	4	Negligible
1782	Point	243272.38	678869.61	0.50	Peat	Granular		3.23	Peaty Soil	1	2	1	2	Negligible
1783	Point	243267.51	678878.90	0.90	Peat	Granular		3.95	Thin Peat	2	2	1	4	Negligible
1784	Point	243276.83	678865.50	0.60	Peat	Granular		4.65	Thin Peat	2	4	1	8	Low
1785	Point	243259.31	678873.18	0.90	Peat	Granular		5.68	Thin Peat	2	4	1	8	Low
1786	Point	243255.75	678858.35	0.50	Peat	Granular		5.41	Peaty Soil	1	4	1	4	Negligible
1787	Point	243250.79	678866.77	0.50	Peat	Granular		5.58	Peaty Soil	1	4	1	4	Negligible
1788	Point	243249.05	678853.17	0.20	Soil	Granular		5.33	Peaty Soil	1	4	1	4	Negligible
1789	Point	243243.83	678861.41	0.60	Peat	Granular		5.55	Thin Peat	2	4	1	8	Low
1790	Point	243240.66	678847.90	0.40	Soil	Granular		5.47	Peaty Soil	1	4	1	4	Negligible
1791	Point	243235.73	678856.40	0.30	Soil	Granular		5.19	Peaty Soil	1	4	1	4	Negligible
1792	Point	243294.04	678907.76	0.90	Peat	Granular		2.82	Thin Peat	2	2	1	4	Negligible
1793	Point	243813.13	678923.78	1.40	Peat	Granular		2.66	Thin Peat	2	2	1	4	Negligible
1794	Point	243834.53	678936.71	2.00	Peat	Granular		2.69	Thick Peat	3	2	1	6	Low
1795	Point	243857.02	678949.24	2.10	Peat	Granular		2.66	Thick Peat	3	2	1	6	Low
1796	Point	243874.49	678951.65	1.50	Peat	Granular		2.67	Thin Peat	2	2	1	4	Negligible
1797	Point	243917.30	678978.31	0.70	Peat	Granular		2.83	Thin Peat	2	2	1	4	Negligible
1798	Point	243955.67	679006.42	0.30	Soil	Granular		6.12	Peaty Soil	1	4	1	4	Negligible
1799	Point	243997.81	679037.56	0.40	Soil	Granular		3.08	Peaty Soil	1	2	1	2	Negligible
1800	Point	244036.33	679068.06	0.30	Soil	Granular		0.69	Peaty Soil	1	1	1	1	Negligible
1801	Point	244075.15	679100.71	0.50	Peat	Granular		0.73	Peaty Soil	1	1	1	1	Negligible
1802	Point	244110.15	679137.21	0.20	Soil	Granular		2.14	Peaty Soil	1	2	1	2	Negligible
1803	Point	244131.99	679183.21	0.10	Soil	Granular		4.13	Peaty Soil	1	4	1	4	Negligible
1804	Point	244153.93	679227.31	0.80	Peat	Granular		4.04	Thin Peat	2	4	1	8	Low
1805	Point	243793.35	678895.48	0.70	Peat	Granular		2.66	Thin Peat	2	2	1	4	Negligible
1806	Point	243808.60	678887.41	0.70	Peat	Granular		2.69	Thin Peat	2	2	1	4	Negligible
1807	Point	243820.45	678923.42	1.60	Peat	Granular		2.66	Thick Peat	3	2	1	6	Low
1808	Point	243185.70	678952.71	0.50	Peat	Granular		1.73	Peaty Soil	1	2	1	1	Negligible
1809	Point	243869.55	678928.74	1.50	Peat	Granular		2.67	Thin Peat	2	2	1	4	Negligible
1810	Point	243849.53	678915.54	1.70	Peat	Granular		2.67	Thick Peat	3	2	1	6	Low
1811	Point	243833.87	678923.53	1.90	Peat	Granular		2.69	Thick Peat	3	2	1	6	Low
1812	Point	242936.20	679190.26	0.20	Superficial	Granular		5.58	Peaty Soil	1	4	1	4	Negligible
1813	Point	243006.67	679179.66	0.20	Superficial	Granular		3.98	Peaty Soil	1	2	1	2	Negligible
1814	Point	243079.94	679174.17	0.20	Superficial	Granular		3.45	Peaty Soil	1	2	1	2	Negligible
1815	Point	243143.65	679169.03	0.20	Superficial	Granular		6.39	Peaty Soil	1	4	1	4	Negligible
1816	Point	243205.59	679174.80	0.20	Superficial	Granular		4.22	Peaty Soil	1	4	1	4	Negligible
1817	Point	242786.40	678622.38	0.40	Soil	Granular		2.16	Peaty Soil	1	2	1	2	Negligible
1818	Point	242046.37	678123.83	0.10	Superficial	Granular		2.15	Peaty Soil	1	2	1	2	Negligible
1819	Point	242078.66	678103.80	0.20	Superficial	Granular		3.47	Peaty Soil	1	2	1	2	Negligible
1820	Point	242105.06	678121.61	0.20	Superficial	Granular		3.04	Peaty Soil	1	2	1	2	Negligible
1821	Point	242145.35	678154.10	0.20	Superficial	Granular		0.36	Peaty Soil	1	1	1	1	Negligible
1822	Point	242183.92	678179.45	0.20	Superficial	Granular		2.64	Peaty Soil	1	2	1	2	Negligible
1823	Point	242170.00	678140.89	0.10	Superficial	Granular		0.36	Peaty Soil	1	1	1	1	Negligible
1824	Point	242111.20	678076.93	0.10	Superficial	Granular		3.90	Peaty Soil	1	2	1	2	Negligible
1825	Point	242148.34	678107.14	0.10	Superficial	Granular		4.37	Peaty Soil	1	4	1	4	Negligible
1826	Point	242161.55	678201.89	0.20	Superficial	Granular		1.95	Peaty Soil	1	1	1	1	Negligible
1827	Point	242153.81	678176.78	0.10	Superficial	Granular		1.95	Peaty Soil	1	1	1	1	Negligible
1828	Point	242129.94	678185.34	0.10	Superficial	Granular		1.95	Peaty Soil	1	1	1	1	Negligible
1829	Point	242124.18	678155.88	0.20	Superficial	Granular		0.67	Peaty Soil	1	1	1	1	Negligible
1830	Point	242101.36	678156.54	0.20	Superficial	Granular		4.14	Peaty Soil	1	4	1	4	Negligible
1831	Point	242089.53	678141.77	0.20	Superficial	Granular		1.35	Peaty Soil	1	1	1	1	Negligible
1832	Point	242081.14	678120.38	0.20	Superficial	Granular		3.06	Peaty Soil	1	2	1	2	Negligible
1833	Point	242048.34	678127.55	0.10	Superficial	Granular		1.37	Peaty Soil	1	1	1	1	Negligible
1834	Point	242639.86	678414.93	0.10	Superficial	Granular		3.77	Peaty Soil	1	2	1	2	Negligible
1835	Point	242596.16	678404.15	0.10	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1836	Point	242540.50	678406.66	0.10	Superficial	Granular		1.79	Peaty Soil	1	1	1	1	Negligible
1837	Point	242606.05	678447.90	0.30	Superficial	Granular		3.53	Peaty Soil	1	2	1	2	Negligible
1838	Point	242549.07	678395.00	0.10	Superficial	Granular		2.45	Peaty Soil	1	2	1	2	Negligible
1839	Point	242557.83	678390.17	0.10	Superficial	Granular		2.93	Peaty Soil	1	2	1	2	Negligible
1840	Point	242561.21	678375.03	0.30	Superficial	Granular		2.89	Peaty Soil	1	2	1	2	Negligible
1841	Point	242567.73	678363.22	0.30	Superficial	Granular		2.89	Peaty Soil	1	2	1	2	Negligible
1842	Point	242573.14	678351.30	0.10	Superficial	Granular		3.07	Peaty Soil	1	2	1	2	Negligible
1843	Point	242576.33	678358.89	0.20	Superficial	Granular		2.97	Peaty Soil	1	2	1	2	Negligible
1844	Point	242572.45	678372.03	0.10	Superficial	Granular		2.87	Peaty Soil	1	2	1	2	Negligible
1845	Point	242565.36	678385.49	0.20	Superficial	Granular		2.89	Peaty Soil	1	2	1	2	Negligible
1846	Point	242560.04	678397.09	0.30	Superficial	Granular		3.38	Peaty Soil	1	2	1	2	Negligible
1847	Point	242551.90	678402.38	0.20	Superficial	Granular		1.96	Peaty Soil	1	1	1	1	Negligible
1848	Point	242556.												

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1876	Point	242600.59	678412.31	0.20	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1877	Point	242605.61	678400.64	0.10	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1878	Point	242611.72	678386.75	0.30	Superficial	Granular		2.87	Peaty Soil	1	2	1	2	Negligible
1879	Point	242620.37	678390.96	0.10	Superficial	Granular		3.38	Peaty Soil	1	2	1	2	Negligible
1880	Point	242628.94	678378.87	0.10	Superficial	Granular		4.02	Peaty Soil	1	4	1	4	Negligible
1881	Point	242622.12	678390.00	0.20	Superficial	Granular		2.94	Peaty Soil	1	2	1	2	Negligible
1882	Point	242614.83	678397.33	0.20	Superficial	Granular		3.40	Peaty Soil	1	2	1	2	Negligible
1883	Point	242610.65	678408.25	0.30	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1884	Point	242605.00	678422.63	0.30	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1885	Point	242598.96	678436.30	0.20	Superficial	Granular		3.33	Peaty Soil	1	2	1	2	Negligible
1886	Point	242613.80	678418.42	0.30	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1887	Point	242618.52	678404.22	0.30	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1888	Point	242632.85	678386.94	0.10	Superficial	Granular		3.57	Peaty Soil	1	2	1	2	Negligible
1889	Point	242627.62	678400.59	0.20	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1890	Point	242632.26	678412.68	0.20	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1891	Point	242619.01	678428.41	0.10	Superficial	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
1892	Point	242614.63	678439.77	0.20	Superficial	Granular		3.72	Peaty Soil	1	2	1	2	Negligible
1893	Point	242619.75	678448.68	0.20	Superficial	Granular		3.73	Peaty Soil	1	2	1	2	Negligible
1894	Point	242627.25	678442.97	0.20	Superficial	Granular		3.78	Peaty Soil	1	2	1	2	Negligible
1895	Point	242623.48	678433.22	0.20	Superficial	Granular		3.74	Peaty Soil	1	2	1	2	Negligible
1896	Point	242633.67	678431.65	0.20	Superficial	Granular		3.83	Peaty Soil	1	2	1	2	Negligible
1897	Point	242628.43	678421.27	0.20	Superficial	Granular		3.72	Peaty Soil	1	2	1	2	Negligible
1898	Point	242641.06	678427.01	0.20	Superficial	Granular		3.79	Peaty Soil	1	2	1	2	Negligible
1899	Point	242634.23	678406.72	0.20	Superficial	Granular		3.71	Peaty Soil	1	2	1	2	Negligible
1900	Point	242637.37	678395.15	0.10	Superficial	Granular		3.48	Peaty Soil	1	2	1	2	Negligible
1901	Point	242643.10	678383.01	0.10	Superficial	Granular		4.05	Peaty Soil	1	4	1	4	Negligible
1902	Point	242648.54	678392.57	0.10	Superficial	Granular		4.46	Peaty Soil	1	4	1	4	Negligible
1903	Point	242657.40	678390.54	0.10	Superficial	Granular		5.22	Peaty Soil	1	4	1	4	Negligible
1904	Point	242648.74	678405.97	0.10	Superficial	Granular		4.03	Peaty Soil	1	4	1	4	Negligible
1905	Point	242327.28	678527.92	0.00	Superficial	Granular		7.47	No Peat	0	4	1	0	None
1906	Point	243696.75	678556.55	0.40	Peat	Granular		1.72	Peaty Soil	1	1	1	1	Negligible
1907	Point	243617.62	678555.98	0.30	Superficial	Granular		2.59	Peaty Soil	1	2	1	2	Negligible
1908	Point	243498.65	678511.99	0.20	Superficial	Granular		4.58	Peaty Soil	1	4	1	4	Negligible
1909	Point	243413.02	678553.28	0.20	Superficial	Granular		10.10	Peaty Soil	1	6	1	6	Low
1910	Point	243217.51	678486.57	0.20	Superficial	Granular		3.49	Peaty Soil	1	2	1	2	Negligible
1911	Point	243326.16	678548.58	0.20	Superficial	Granular		6.15	Peaty Soil	1	4	1	4	Negligible
1912	Point	243399.17	678450.18	0.50	Peat	Granular		3.44	Peaty Soil	1	2	1	2	Negligible
1913	Point	242416.61	678353.80	0.10	Superficial	Granular		4.56	Peaty Soil	1	4	1	4	Negligible
1914	Point	242307.88	678253.43	0.20	Superficial	Granular		2.70	Peaty Soil	1	2	1	2	Negligible
1915	Point	242219.05	678159.38	0.40	Superficial	Granular		3.26	Peaty Soil	1	2	1	2	Negligible
1916	Point	242112.02	678043.17	0.20	Superficial	Granular		5.19	Peaty Soil	1	4	1	4	Negligible
1917	Point	241698.84	678052.02	0.10	Superficial	Granular		6.61	Peaty Soil	1	4	1	4	Negligible
1918	Point	241788.51	678137.23	0.20	Superficial	Granular		6.61	Peaty Soil	1	4	1	4	Negligible
1919	Point	241812.97	678035.20	0.00	Superficial	Granular		4.23	No Peat	0	4	1	0	None
1920	Point	241921.17	678032.53	0.10	Superficial	Granular		0.60	Peaty Soil	1	1	1	1	Negligible
1921	Point	242014.76	678043.51	0.40	Superficial	Granular		2.61	Peaty Soil	1	2	1	2	Negligible
1922	Point	242025.74	678141.03	0.30	Superficial	Granular		2.60	Peaty Soil	1	2	1	2	Negligible
1923	Point	241914.38	678137.66	0.10	Superficial	Granular		1.67	Peaty Soil	1	1	1	1	Negligible
1924	Point	242124.07	678139.10	0.50	Superficial	Granular		4.39	Peaty Soil	1	4	1	4	Negligible
1925	Point	242500.83	678339.02	0.40	Superficial	Granular		2.02	Peaty Soil	1	2	1	2	Negligible
1926	Point	242600.88	678230.46	0.20	Superficial	Granular		5.43	Peaty Soil	1	4	1	4	Negligible
1927	Point	242605.88	678370.28	0.30	Superficial	Granular		3.40	Peaty Soil	1	2	1	2	Negligible
1928	Point	242607.83	678463.42	0.30	Superficial	Granular		2.38	Peaty Soil	1	2	1	2	Negligible
1929	Point	242698.71	678443.20	0.30	Superficial	Granular		5.57	Peaty Soil	1	4	1	4	Negligible
1930	Point	242702.43	678562.08	0.20	Superficial	Granular		1.60	Peaty Soil	1	1	1	1	Negligible
1931	Point	242788.41	678541.68	0.20	Superficial	Granular		7.65	Peaty Soil	1	4	1	4	Negligible
1932	Point	243301.51	678516.12	0.20	Soil	Granular		5.86	Peaty Soil	1	4	1	4	Negligible
1933	Point	243207.89	678393.71	0.30	Soil	Granular		4.18	Peaty Soil	1	4	1	4	Negligible
1934	Point	243214.82	678558.38	0.20	Soil	Granular		6.15	Peaty Soil	1	4	1	4	Negligible
1935	Point	243405.64	678552.93	0.20	Soil	Granular		10.25	Peaty Soil	1	6	1	6	Low
1936	Point	243403.82	678449.40	0.20	Soil	Granular		3.44	Peaty Soil	1	2	1	2	Negligible
1937	Point	243308.91	678356.29	0.30	Soil	Granular		4.62	Peaty Soil	1	4	1	4	Negligible
1938	Point	243284.11	678306.94	0.40	Soil	Granular		3.78	Peaty Soil	1	2	1	2	Negligible
1939	Point	243292.31	678246.11	0.10	Soil	Granular		3.44	Peaty Soil	1	2	1	2	Negligible
1940	Point	243215.37	678354.93	0.30	Soil	Granular		5.23	Peaty Soil	1	4	1	4	Negligible
1941	Point	243111.84	678351.30	0.20	Soil	Granular		7.73	Peaty Soil	1	4	1	4	Negligible
1942	Point	243202.65	678258.66	0.20	Soil	Granular		4.69	Peaty Soil	1	4	1	4	Negligible
1943	Point	243304.31	678117.19	0.20	Soil	Granular		3.97	Peaty Soil	1	2	1	2	Negligible
1944	Point	243115.40	678153.52	0.20	Soil	Granular		7.37	Peaty Soil	1	4	1	4	Negligible
1945	Point	243006.42	678148.98	0.20	Soil	Granular		7.69	Peaty Soil	1	4	1	4	Negligible
1946	Point	243260.09	678303.04	0.20	Soil	Granular		3.07	Peaty Soil	1	2	1	2	Negligible
1947	Point	243308.47	678058.34	0.30	Soil	Granular		5.39	Peaty Soil	1	4	1	4	Negligible
1948	Point	244597.07	678041.22	0.20	Soil	Granular		3.63	Peaty Soil	1	2	1	2	Negligible
1949	Point	244507.27	678056.84	1.70	Soil	Granular		3.66	Thick Peat	3	2	1	6	Low
1950	Point	244510.41	678151.44	2.00	Soil	Granular		3.74	Thick Peat	3	2	1	6	Low
1951	Point	244519.25	678247.71	4.00	Soil	Granular		1.40	Thick Peat	3	1	1	3	Negligible
1952	Point	244534.68	678438.77	0.20	Soil	Granular		3.03	Peaty Soil	1	2	1	2	Negligible
1953	Point	244534.68	678438.95	0.40	Soil	Granular		3.03	Peaty Soil	1	2	1	2	Negligible
1954	Point	244509.95	678342.11	0.30	Soil	Granular		0.53	Peaty Soil	1	1	1	1	Negligible
1955	Point	244534.37	678438.96	1.80	Soil	Granular		3.03	Thick Peat	3	2	1	6	Low
1956	Point	244514.30	678537.72	0.40	Soil	Granular		5.65	Peaty Soil	1	4	1	4	Negligible
1957	Point	244415.02	678552.13	0.20	Soil	Granular		8.84	Peaty Soil	1	6	1	6	Low
1958	Point	244313.02	678556.46	0.10	Soil	Granular		2.67	Peaty Soil	1	2	1	2	Negligible
1959	Point	244211.47	678547.39	0.20	Soil	Granular		1.17	Peaty Soil	1	1	1	1	Negligible
1960	Point	244149.39	678615.71	0.20	Soil	Granular		1.78	Peaty Soil	1	6	1	6	Low
1961	Point	244108.34	678547.25	0.20	Soil	Granular		2.82	Peaty Soil	1	2	1	2	Negligible
1962	Point	243924.28	678459.30	0.20	Soil	Granular		6.83	Peaty Soil	1	4	1	4	Negligible
1963	Point	244014.95	678452.05	0.20	Soil	Granular		10.09	Peaty Soil	1	6	1	6	Low
1964	Point	244036.13	678420.58	0.00	rock	Rock		26.51	No Peat	0	8	2	0	None
1965	Point	244111.06	678455.67	0.20	Superficial	Granular		2.78	Peaty Soil	1	2	1	2	Negligible
1966	Point	244105.57	678414.72	0.30	Soil	Granular		8.38	Peaty Soil	1	6	1	6	Low
1967	Point	244217.79	678385.23	0.60	Soil	Granular		5.12	Thin Peat	2	4	1	8	Low
1968	Point	244310.55	678460.21	0.90	Soil	Granular		7.06	Thin Peat	2	4	1	8	Low
1969	Point	244352.70	678306.64	1.90	Soil	Granular		6.14	Thick Peat	3	4	1	12	Low
1970	Point	244390.34	678452.95	2.40	Soil	Granular		7.86	Thick Peat	3	4	1	12	Low
1971	Point	244415.73	678380.41	0.00	Soil	Granular		2.47	No Peat	0	2	1	0	None
1972	Point	244600.54	678226.95	0.00	Peat	Granular		1.59	No Peat	0	1	1	0	None

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
2001	Point	243850.93	67852.14	1.80	Soil	Granular		1.59	Thick Peat	3	1	1	3	Negligible
2002	Point	243866.14	678417.54	1.50	Soil	Granular		3.45	Thin Peat	2	2	1	4	Negligible
2003	Point	243916.92	678257.95	0.60	Soil	Granular		9.54	Thin Peat	2	6	1	12	Low
2004	Point	243887.90	678033.08	0.60	Soil	Granular		3.07	Thin Peat	2	2	1	4	Negligible
2005	Point	243887.90	678111.89	0.20	Soil	Granular		22.18	Peaty Soil	1	8	1	8	Low
2006	Point	243441.97	678042.41	0.40	Soil	Granular		4.07	Peaty Soil	1	4	1	4	Negligible
2007	Point	243623.32	678020.65	0.70	Soil	Granular		1.89	Thin Peat	2	1	1	2	Negligible
2008	Point	243782.90	678042.41	0.30	Soil	Granular		3.53	Peaty Soil	1	2	1	2	Negligible
2009	Point	243628.16	678547.80	0.40	Soil	Granular		2.53	Peaty Soil	1	2	1	2	Negligible
2010	Point	243620.91	678446.24	0.40	Soil	Granular		2.73	Peaty Soil	1	2	1	2	Negligible
2011	Point	243515.73	678446.24	0.40	Soil	Granular		3.50	Peaty Soil	1	2	1	2	Negligible
2012	Point	243533.86	678544.17	0.50	Soil	Granular		4.52	Peaty Soil	1	4	1	4	Negligible
2013	Point	243718.83	678565.93	0.40	Soil	Granular		1.38	Peaty Soil	1	1	1	1	Negligible
2014	Point	243610.03	678355.57	0.40	Soil	Granular		4.26	Peaty Soil	1	4	1	4	Negligible
2015	Point	243515.73	678359.19	0.40	Soil	Granular		4.04	Peaty Soil	1	4	1	4	Negligible
2016	Point	243421.43	678366.45	0.40	Soil	Granular		3.87	Peaty Soil	1	2	1	2	Negligible
2017	Point	243515.73	678609.45	0.20	Soil	Granular		4.99	Peaty Soil	1	4	1	4	Negligible
2018	Point	242795.08	678595.67	0.30	Soil	Granular		4.81	Peaty Soil	1	4	1	4	Negligible
2019	Point	242758.73	678560.63	0.20	Soil	Granular		2.89	Peaty Soil	1	2	1	2	Negligible
2020	Point	242747.76	678585.01	0.30	Soil	Granular		2.75	Peaty Soil	1	2	1	2	Negligible
2021	Point	242720.83	678529.05	0.30	Soil	Granular		5.57	Peaty Soil	1	4	1	4	Negligible
2022	Point	242711.10	678554.94	0.50	Peat	Granular		1.65	Peaty Soil	1	1	1	1	Negligible
2023	Point	242684.74	678495.76	0.30	Soil	Granular		5.13	Peaty Soil	1	4	1	4	Negligible
2024	Point	242677.05	678520.66	0.40	Soil	Granular		4.15	Peaty Soil	1	4	1	4	Negligible
2025	Point	242644.49	678462.71	0.60	Peat	Granular		4.38	Thin Peat	2	4	1	8	Low
2026	Point	242635.72	678489.23	0.30	Soil	Granular		4.30	Peaty Soil	1	4	1	4	Negligible
2027	Point	242608.37	678431.59	0.30	Soil	Granular		3.69	Peaty Soil	1	2	1	2	Negligible
2028	Point	242600.33	678456.37	0.50	Soil	Granular		1.56	Peaty Soil	1	1	1	1	Negligible
2029	Point	242557.47	678430.38	0.80	Peat	Granular		1.58	Thin Peat	2	1	1	2	Negligible
2030	Point	242562.49	678403.97	0.20	Soil	Granular		3.55	Peaty Soil	1	2	1	2	Negligible
2031	Point	242520.15	678381.95	0.20	Soil	Granular		2.18	Peaty Soil	1	2	1	2	Negligible
2032	Point	242513.40	678406.59	0.80	Peat	Granular		1.73	Thin Peat	2	1	1	2	Negligible
2033	Point	242471.46	678358.39	0.10	Soil	Granular		2.11	Peaty Soil	1	2	1	2	Negligible
2034	Point	242470.50	678378.80	0.40	Soil	Granular		2.00	Peaty Soil	1	1	1	1	Negligible
2035	Point	242432.52	678322.70	0.10	Soil	Granular		4.51	Peaty Soil	1	4	1	4	Negligible
2036	Point	242434.98	678359.36	0.30	Soil	Granular		4.63	Peaty Soil	1	4	1	4	Negligible
2037	Point	242388.61	678304.65	0.20	Soil	Granular		4.20	Peaty Soil	1	4	1	4	Negligible
2038	Point	242385.50	678333.43	0.20	Soil	Granular		4.21	Peaty Soil	1	4	1	4	Negligible
2039	Point	242353.87	678272.65	0.30	Soil	Granular		2.62	Peaty Soil	1	2	1	2	Negligible
2040	Point	242348.59	678294.27	0.50	Soil	Granular		2.62	Peaty Soil	1	2	1	2	Negligible
2041	Point	242318.99	678239.24	0.30	Peat	Granular		2.70	Peaty Soil	1	2	1	2	Negligible
2042	Point	242309.83	678261.89	0.70	Peat	Granular		2.73	Thin Peat	2	2	1	4	Negligible
2043	Point	242288.43	678206.55	0.90	Peat	Granular		2.02	Thin Peat	2	2	1	4	Negligible
2044	Point	242276.96	678228.91	0.90	Peat	Granular		2.02	Thin Peat	2	2	1	4	Negligible
2045	Point	242247.96	678171.26	0.90	Peat	Granular		1.02	Thin Peat	2	1	1	2	Negligible
2046	Point	242238.60	678192.13	1.10	Peat	Granular		1.02	Thin Peat	2	1	1	2	Negligible
2047	Point	242211.23	678135.10	0.30	Peat	Granular		2.15	Peaty Soil	1	2	1	2	Negligible
2048	Point	242200.62	678155.76	0.40	Peat	Granular		3.09	Peaty Soil	1	2	1	2	Negligible
2049	Point	242173.06	678099.96	0.20	Soil	Granular		5.29	Peaty Soil	1	4	1	4	Negligible
2050	Point	242165.63	678119.89	0.40	Soil	Granular		2.05	Peaty Soil	1	2	1	2	Negligible
2051	Point	242139.24	678064.45	0.50	Peat	Granular		4.06	Peaty Soil	1	4	1	4	Negligible
2052	Point	242126.40	678088.51	0.60	Peat	Granular		2.50	Thin Peat	2	2	1	4	Negligible
2053	Point	242103.86	678032.69	0.60	Peat	Granular		6.40	Thin Peat	2	4	1	8	Low
2054	Point	242094.39	678054.44	0.20	Soil	Granular		6.02	Peaty Soil	1	4	1	4	Negligible
2055	Point	242064.04	677997.09	0.20	Soil	Granular		4.32	Peaty Soil	1	4	1	4	Negligible
2056	Point	242057.52	678018.04	0.60	Peat	Granular		4.76	Thin Peat	2	4	1	8	Low
2057	Point	242017.88	677986.70	0.30	Soil	Granular		4.45	Peaty Soil	1	4	1	4	Negligible
2058	Point	242179.12	678593.54	0.80	Peat	Granular		2.33	Thin Peat	2	4	1	4	Negligible
2059	Point	242680.33	678559.87	0.30	Soil	Granular		1.82	Peaty Soil	1	1	1	1	Negligible
2060	Point	242642.44	678529.44	0.20	Soil	Granular		3.24	Peaty Soil	1	2	1	2	Negligible
2061	Point	242604.38	678495.85	0.10	Soil	Granular		3.70	Peaty Soil	1	2	1	2	Negligible
2062	Point	242565.79	678463.37	0.10	Soil	Granular		1.65	Peaty Soil	1	1	1	1	Negligible
2063	Point	242522.49	678440.42	0.20	Soil	Granular		3.89	Peaty Soil	1	2	1	2	Negligible
2064	Point	242481.68	678416.87	0.50	Peat	Granular		2.22	Peaty Soil	1	2	1	2	Negligible
2065	Point	242391.66	678367.78	0.20	Soil	Granular		3.91	Peaty Soil	1	2	1	2	Negligible
2066	Point	242433.13	678391.16	0.20	Soil	Granular		5.05	Peaty Soil	1	4	1	4	Negligible
2067	Point	242353.52	678336.01	0.30	Soil	Granular		4.06	Peaty Soil	1	4	1	4	Negligible
2068	Point	242317.61	678304.95	0.60	Peat	Granular		2.62	Thin Peat	2	2	1	4	Negligible
2069	Point	242281.18	678271.09	0.80	Peat	Granular		2.83	Thin Peat	2	2	1	4	Negligible
2070	Point	242241.17	678233.31	0.90	Peat	Granular		2.01	Thin Peat	2	2	1	4	Negligible
2071	Point	242207.31	678198.15	0.30	Soil	Granular		2.37	Peaty Soil	1	2	1	2	Negligible
2072	Point	242172.72	678164.07	0.20	Soil	Rock		0.36	Peaty Soil	1	1	2	2	Negligible
2073	Point	242134.94	678129.04	0.70	Peat	Granular		4.41	Thin Peat	2	4	1	8	Low
2074	Point	242100.70	678096.31	0.50	Peat	Granular		3.06	Peaty Soil	1	2	1	2	Negligible
2075	Point	242061.26	678060.83	0.30	Soil	Granular		6.87	Peaty Soil	1	4	1	4	Negligible
2076	Point	242025.50	678026.78	0.30	Soil	Rock		2.73	Peaty Soil	1	2	2	4	Negligible
2077	Point	241990.32	677993.15	0.40	Soil	Granular		5.53	Peaty Soil	1	4	1	4	Negligible
2078	Point	242713.58	678451.27	0.10	Superficial	Granular		7.30	Peaty Soil	1	4	1	4	Negligible
2079	Point	242692.40	678477.07	0.30	Superficial	Granular		5.68	Peaty Soil	1	4	1	4	Negligible
2080	Point	242702.77	678463.18	0.30	Superficial	Granular		8.01	Peaty Soil	1	6	1	6	Low
2081	Point	242724.97	678433.45	0.20	Superficial	Granular		5.53	Peaty Soil	1	4	1	4	Negligible
2082	Point	242738.72	678443.28	0.20	Superficial	Granular		5.53	Peaty Soil	1	4	1	4	Negligible
2083	Point	242751.71	678452.40	0.20	Superficial	Granular		5.76	Peaty Soil	1	4	1	4	Negligible
2084	Point	242762.41	678465.66	0.30	Superficial	Granular		8.77	Peaty Soil	1	6	1	6	Low
2085	Point	242776.99	678479.05	0.20	Superficial	Granular		9.81	Peaty Soil	1	6	1	6	Low
2086	Point	242792.24	678492.01	0.20	Superficial	Granular		10.82	Peaty Soil	1	6	1	6	Low
2087	Point	242781.55	678500.80	0.20	Superficial	Granular		9.83	Peaty Soil	1	6	1	6	Low
2088	Point	242770.50	678512.99	0.10	Superficial	Granular		8.60	Peaty Soil	1	6	1	6	Low
2089	Point	242759.01	678525.85	0.10	Superficial	Granular		6.04	Peaty Soil	1	4	1	4	Negligible
2090	Point	242747.03	678542.09	0.30	Superficial	Granular		5.98	Peaty Soil	1	4	1	4	Negligible
2091	Point	242732.54	678554.09	0.40	Superficial	Granular		3.36	Peaty Soil	1	2	1	2	Negligible
2092	Point	242663.50	678498.73	0.30	Superficial	Granular		5.13	Peaty Soil	1	4	1	4	Negligible
2093	Point	242677.59	678487.68	0.30	Superficial	Granular		5.10	Peaty Soil	1	4	1	4	Negligible
2094	Point	242657.63	678406.06	0.20	Superficial	Granular		5.24	Peaty Soil	1	4	1	4	Negligible
2095	Point	242666.26	678411.64	0.20	Superficial	Granular		5.38	Peaty Soil	1	4	1	4	Negligible
2096	Point	242674.40	678418.87	0.20	Superficial	Granular		5.38	Peaty Soil	1	4	1	4	Negligible
2097	Point	242685.46	678428.00	0.20	Superficial	Granular		5.52	Peaty Soil	1	4	1	4	Negligible
2098	Point	242654.												



ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
2126	Point	242721.33	678467.94	0.10	Superficial	Granular		7.99	Peaty Soil	1	4	1	4	Negligible
2127	Point	242709.79	678482.79	0.10	Superficial	Granular		7.51	Peaty Soil	1	4	1	4	Negligible
2128	Point	242722.86	678491.06	0.10	Superficial	Granular		7.74	Peaty Soil	1	4	1	4	Negligible
2129	Point	242735.57	678500.83	0.10	Superficial	Granular		6.36	Peaty Soil	1	4	1	4	Negligible
2130	Point	242748.705	678518.1747	0.1	Superficial	Granular		5.85	Peaty Soil	1	4	1	4	Negligible
2131	Point	242736.4818	678529.397	0.2	Superficial	Granular		5.93	Peaty Soil	1	4	1	4	Negligible
2132	Point	242726.9407	678517.3426	0.2	Superficial	Granular		5.93	Peaty Soil	1	4	1	4	Negligible
2133	Point	242714.9505	678508.9019	0.2	Superficial	Granular		5.57	Peaty Soil	1	4	1	4	Negligible
2134	Point	242703.8088	678501.3791	0.2	Superficial	Granular		5.52	Peaty Soil	1	4	1	4	Negligible
2135	Point	242693.6563	678494.9046	0.2	Superficial	Granular		5.52	Peaty Soil	1	4	1	4	Negligible
2136	Point	241319.1783	677768.1501	0.1	Superficial	Granular		17.03	Peaty Soil	1	8	1	8	Low
2137	Point	241327.1767	677770.477	0.1	Superficial	Rock		26.38	Peaty Soil	1	8	2	16	Medium
2138	Point	242018.874	677933.8789	0.5	Peat	Granular		5.85	Peaty Soil	1	4	1	4	Negligible
2139	Point	241993.0015	677770.6883	0	Superficial	Granular		6.26	No Peat	0	4	1	0	None
2140	Point	241924.2226	677863.0786	0	Superficial	Granular		8.56	No Peat	0	6	1	0	None
2141	Point	241822.7652	677845.2626	0.1	Superficial	Granular		5.46	Peaty Soil	1	4	1	4	Negligible
2142	Point	241805.585	677754.5396	0.4	Superficial	Granular		6.18	Peaty Soil	1	4	1	4	Negligible
2143	Point	241722.1745	677731.9785	0.5	Superficial	Granular		5.03	Peaty Soil	1	4	1	4	Negligible
2144	Point	241691.4216	677654.566	0.2	Superficial	Granular		6.76	Peaty Soil	1	4	1	4	Negligible
2145	Point	241608.3181	677657.4337	0.4	Superficial	Granular		2.96	Peaty Soil	1	2	1	2	Negligible
2146	Point	241597.8532	677557.7695	0.3	Superficial	Granular		3.51	Peaty Soil	1	2	1	2	Negligible
2147	Point	241506.1932	677553.6801	0.3	Superficial	Granular		3.85	Peaty Soil	1	2	1	2	Negligible
2148	Point	241482.4942	677475.6381	0.2	Superficial	Granular		4.64	Peaty Soil	1	4	1	4	Negligible
2149	Point	241407.5278	677546.9114	0	Superficial	Granular		4.79	No Peat	0	4	1	0	None
2150	Point	241283.0543	677648.6007	0	Superficial	Granular		8.64	No Peat	0	6	1	0	None
2151	Point	241230.4418	677715.7508	0.1	Superficial	Granular		12.28	Peaty Soil	1	8	1	8	Low
2152	Point	241409.2158	677739.9555	0.4	Superficial	Granular		8.06	Peaty Soil	1	6	1	6	Low
2153	Point	241418.3006	677654.5794	0.2	Superficial	Granular		6.99	Peaty Soil	1	4	1	4	Negligible
2154	Point	241517.9873	677657.3485	0.2	Superficial	Granular		5.42	Peaty Soil	1	4	1	4	Negligible
2155	Point	241490.2966	677750.1125	0.3	Superficial	Granular		5.60	Peaty Soil	1	4	1	4	Negligible
2156	Point	241610.7514	677755.6507	0.3	Superficial	Granular		3.81	Peaty Soil	1	2	1	2	Negligible
2157	Point	241506.3251	677846.1193	0.2	Superficial	Granular		7.83	Peaty Soil	1	4	1	4	Negligible
2158	Point	241614.0707	677831.8026	0.1	Peat	Granular		3.45	Peaty Soil	1	2	1	2	Negligible
2159	Point	241711.8989	677837.8212	0.4	Superficial	Granular		4.63	Peaty Soil	1	4	1	4	Negligible
2160	Point	241728.4571	677859.7608	0.1	Superficial	Granular		4.63	Peaty Soil	1	4	1	4	Negligible
2161	Point	241816.2036	677968.3196	0.2	Superficial	Granular		7.08	Peaty Soil	1	4	1	4	Negligible
2162	Point	241616.83	677948.9361	0.2	Superficial	Granular		7.13	Peaty Soil	1	4	1	4	Negligible
2163	Point	243334.8085	677964.7944	0.7	Soil	Granular		5.49	Thin Peat	2	4	1	8	Low
2164	Point	243408.7258	677955.6123	0.2	Soil	Granular		4.69	Peaty Soil	1	4	1	4	Negligible
2165	Point	243504.0859	677960.1532	0.4	Soil	Granular		0.92	Peaty Soil	1	1	1	1	Negligible
2166	Point	243586.9223	677934.6115	0.1	Soil	Granular		3.83	Peaty Soil	1	2	1	2	Negligible
2167	Point	243706.5548	677849.0337	0.2	Soil	Granular		9.05	Peaty Soil	1	6	1	6	Low
2168	Point	243713.8203	677943.4856	0.3	Soil	Granular		2.27	Peaty Soil	1	2	1	2	Negligible
2169	Point	243919.0716	677854.4829	0.2	Soil	Granular		1.66	Peaty Soil	1	1	1	1	Negligible
2170	Point	243908.1733	677752.7654	0.2	Soil	Granular		8.89	Peaty Soil	1	6	1	6	Low
2171	Point	243813.2933	677934.3852	0.7	Soil	Granular		2.72	Thin Peat	2	2	1	4	Negligible
2172	Point	244011.3326	677856.285	0.2	Soil	Granular		3.38	Peaty Soil	1	2	1	2	Negligible
2173	Point	244016.923	677755.0939	0.2	Soil	Granular		7.80	Peaty Soil	1	4	1	4	Negligible
2174	Point	244109.5585	677758.7267	0.3	Soil	Granular		5.60	Peaty Soil	1	4	1	4	Negligible
2175	Point	244109.5585	677856.8113	0.5	Soil	Granular		2.67	Peaty Soil	1	2	1	2	Negligible
2176	Point	244202.194	677749.6448	0.4	Soil	Granular		3.24	Peaty Soil	1	2	1	2	Negligible
2177	Point	244204.0104	677864.0769	0.3	Soil	Granular		0.75	Peaty Soil	1	1	1	1	Negligible
2178	Point	244312.9933	677752.3693	0.2	Soil	Granular		6.72	Peaty Soil	1	4	1	4	Negligible
2179	Point	244320.2589	677654.2847	0.2	Soil	Granular		5.28	Peaty Soil	1	4	1	4	Negligible
2180	Point	244320.2589	677861.3523	1.3	Soil	Granular		3.49	Thin Peat	2	2	1	4	Negligible
2181	Point	244411.4281	677859.8318	0.2	Soil	Granular		10.11	Peaty Soil	1	6	1	6	Low
2182	Point	244483.2174	677891.4306	0.3	Soil	Granular		7.22	Peaty Soil	1	4	1	4	Negligible
2183	Point	244505.5299	677850.454	0.2	Soil	Granular		3.21	Peaty Soil	1	2	1	2	Negligible
2184	Point	244523.1846	677964.4166	0.9	Soil	Granular		4.66	Thin Peat	2	4	1	8	Low
2185	Point	244603.8215	677925.414	0.2	Soil	Granular		4.11	Peaty Soil	1	4	1	4	Negligible
2186	Point	245111.2098	677953.4542	2.9	Soil	Granular		0.31	Thick Peat	3	1	1	3	Negligible
2187	Point	244987.8941	677931.6926	2.9	Soil	Granular		1.38	Thick Peat	3	1	1	3	Negligible
2188	Point	244897.2208	677957.0812	1.9	Soil	Granular		2.23	Thick Peat	3	2	1	6	Low
2189	Point	244831.8014	677953.4542	1.8	Soil	Granular		10.76	Thick Peat	3	6	1	18	Medium
2190	Point	244712.2472	677931.6926	1.8	Soil	Granular		4.41	Thick Peat	3	4	1	12	Low
2191	Point	244254.2228	677935.1547	1.8	Soil	Granular		2.82	Thick Peat	3	2	1	6	Low
2192	Point	240646.5665	677418.535	0.1	Soil	Granular		10.29	Peaty Soil	1	6	1	6	Low
2193	Point	240684.2459	677451.4631	0.1	Soil	Granular		5.11	Peaty Soil	1	4	1	4	Negligible
2194	Point	240705.0889	677493.8134	0.1	Superficial	Granular		5.70	Peaty Soil	1	4	1	4	Negligible
2195	Point	240724.3422	677538.9476	0.1	Superficial	Granular		3.83	Peaty Soil	1	2	1	2	Negligible
2196	Point	240680.8309	677400.7893	0.1	Soil	Granular		7.16	Peaty Soil	1	4	1	4	Negligible
2197	Point	240722.0288	677417.8536	0.1	Soil	Granular		0.85	Peaty Soil	1	1	1	1	Negligible
2198	Point	240765.302	677514.7787	0.1	Soil	Granular		8.23	Peaty Soil	1	6	1	6	Low
2199	Point	240787.1458	677553.5039	0.3	Soil	Granular		6.67	Peaty Soil	1	4	1	4	Negligible
2200	Point	240781.6228	677622.4854	0.1	Soil	Granular		2.31	Peaty Soil	1	2	1	2	Negligible
2201	Point	240809.5576	677606.4873	0.1	Soil	Granular		3.36	Peaty Soil	1	2	1	2	Negligible
2202	Point	240824.1307	677642.6588	0	Soil	Granular		8.08	No Peat	0	6	1	0	None
2203	Point	240857.0463	677632.9388	0.1	Peat	Granular		6.57	Peaty Soil	1	4	1	4	Negligible
2204	Point	240867.7571	677668.8817	0.3	Soil	Granular		4.85	Peaty Soil	1	4	1	4	Negligible
2205	Point	240901.3718	677654.1228	0.3	Soil	Granular		4.90	No Peat	0	4	1	0	None
2206	Point	240916.8163	677689.9467	0	Soil	Granular		4.38	No Peat	0	4	1	0	None
2207	Point	242031.7914	677962.8454	0.2	Soil	Granular		3.46	Peaty Soil	1	2	1	2	Negligible
2208	Point	241992.9722	677931.1059	0.2	Soil	Granular		5.38	Peaty Soil	1	4	1	4	Negligible
2209	Point	241982.6199	677953.3468	0.8	Peat	Granular		5.39	Thin Peat	2	4	1	8	Low
2210	Point	241951.1137	677902.2635	0.3	Soil	Granular		5.36	Peaty Soil	1	4	1	4	Negligible
2211	Point	241941.2341	677924.7518	0.2	Soil	Granular		4.67	Peaty Soil	1	4	1	4	Negligible
2212	Point	241931.6216	677866.7067	0.1	Soil	Granular		8.40	Peaty Soil	1	6	1	6	Low
2213	Point	241905.1561	677889.8429	0.2	Soil	Granular		5.95	Peaty Soil	1	4	1	4	Negligible
2214	Point	241873.5897	677835.4583	0.2	Soil	Granular		5.65	Peaty Soil	1	4	1	4	Negligible
2215	Point	241863.1541	677860.7952	0.7	Soil	Granular		6.50	Thin Peat	2	4	1	8	Low
2216	Point	241832.6298	677806.1754	0.4	Soil	Granular		4.96	Peaty Soil	1	4	1	4	Negligible
2217	Point	241823.3285	677833.3831	0.5	Soil	Granular		5.14	Peaty Soil	1	4	1	4	Negligible
2218	Point	241790.0487	677780.1275	0.4	Soil	Granular		4.96	Peaty Soil	1	4	1	4	Negligible
2219	Point	241781.3991	677805.0109	0.3	Soil	Granular		4.96	Peaty Soil	1	4	1	4	Negligible
2220	Point	241748.1578	677756.153	0.1	Soil	Granular		4.96	Peaty Soil	1	4	1	4	Negligible
2221	Point	241738.5363												

ID	SOURCE	X	Y	Depth	Surface	Substrate	Notes	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
2251	Point	240680.674	677406.1243	0.1	Soil	Granular		6.18	Peaty Soil	1	4	1	4	Negligible
2252	Point	240715.5762	677444.7564	0.1	Superficial	Granular		2.77	Peaty Soil	1	2	1	2	Negligible
2253	Point	240749.395	677533.0065	0.1	Superficial	Granular		1.86	Peaty Soil	1	1	1	1	Negligible
2254	Point	240777.8081	677581.8129	0.1	Soil	Granular		5.83	Peaty Soil	1	4	1	4	Negligible
2255	Point	240779.3016	677621.3563	0.1	Soil	Granular		2.31	Peaty Soil	1	2	1	2	Negligible
2256	Point	241947.3693	677963.7129	0.3	Soil	Granular		3.99	Peaty Soil	1	2	1	2	Negligible
2257	Point	241910.8264	677930.8324	0.1	Soil	Granular		3.97	Peaty Soil	1	2	1	2	Negligible
2258	Point	241872.8554	677897.7444	0.1	Soil	Granular		8.35	Peaty Soil	1	6	1	6	Low
2259	Point	241832.245	677866.9075	0.3	Soil	Granular		5.43	Peaty Soil	1	4	1	4	Negligible
2260	Point	241791.8361	677830.5322	0.2	Soil	Granular		5.02	Peaty Soil	1	4	1	4	Negligible
2261	Point	241750.6632	677813.6029	0.2	Soil	Granular		4.95	Peaty Soil	1	4	1	4	Negligible
2262	Point	241705.9604	677788.4889	0.3	Soil	Granular		5.02	Peaty Soil	1	4	1	4	Negligible
2263	Point	241663.8259	677764.1341	0.3	Soil	Granular		4.26	Peaty Soil	1	4	1	4	Negligible
2264	Point	241618.7181	677737.3823	0.4	Soil	Granular		3.89	Peaty Soil	1	2	1	2	Negligible
2265	Point	241572.8645	677728.3168	0.8	Peat	Granular		3.90	Thin Peat	2	2	1	4	Negligible
2266	Point	241521.9687	677716.3949	0.3	Soil	Granular		5.39	Peaty Soil	1	4	1	4	Negligible
2267	Point	241470.5692	677715.9614	0.5	Soil	Granular		5.98	Peaty Soil	1	4	1	4	Negligible
2268	Point	241421.9323	677720.1462	0.4	Soil	Granular		7.20	Peaty Soil	1	4	1	4	Negligible
2269	Point	241372.1604	677730.5566	0.4	Soil	Granular		6.58	Peaty Soil	1	4	1	4	Negligible
2270	Point	241321.0208	677738.3255	0.2	Soil	Granular		12.17	Peaty Soil	1	8	1	8	Low
2271	Point	241275.2159	677751.9816	0.2	Soil	Granular		12.21	Peaty Soil	1	8	1	8	Low
2272	Point	241227.5063	677764.4789	0.3	Soil	Granular		7.81	Peaty Soil	1	4	1	4	Negligible
2273	Point	241178.3629	677782.3143	0.1	Superficial	Granular		11.77	Peaty Soil	1	6	1	6	Low
2274	Point	241129.3191	677783.9107	0.2	Soil	Granular		16.49	Peaty Soil	1	8	1	8	Low
2275	Point	241081.0507	677775.527	0.1	Soil	Granular		23.27	Peaty Soil	1	8	1	8	Low
2276	Point	241030.6524	677767.5963	0.1	Soil	Granular		25.12	Peaty Soil	1	8	1	8	Low
2277	Point	240983.39	677759.5934	0.1	Soil	Granular		20.24	Peaty Soil	1	8	1	8	Low
2278	Point	240941.3202	677735.3345	0.2	Soil	Granular		4.64	Peaty Soil	1	4	1	4	Negligible
2279	Point	240907.4138	677695.8009	0.2	Soil	Granular		4.17	Peaty Soil	1	4	1	4	Negligible
2280	Point	240867.599	677668.7213	0.2	Soil	Granular		4.85	Peaty Soil	1	4	1	4	Negligible
2281	Point	240821.7721	677646.6408	0.2	Soil	Granular		8.53	Peaty Soil	1	6	1	6	Low
2282	Point	240752.8568	677587.9511	0.2	Superficial	Granular		6.23	Peaty Soil	1	4	1	4	Negligible
2283	Point	241138.475	677735.0886	0.2	Superficial	Granular		11.13	Peaty Soil	1	6	1	6	Low
2284	Point	241346.2975	677751.6594	0.1	Superficial	Granular		7.80	Peaty Soil	1	4	1	4	Negligible
2285	Point	241356.6024	677762.6753	0.1	Superficial	Granular		9.79	Peaty Soil	1	6	1	6	Low
2286	Point	241361.1807	677773.3493	0.2	Superficial	Granular		9.51	Peaty Soil	1	6	1	6	Low
2287	Point	241366.6513	677786.4	0.2	Superficial	Granular		13.85	Peaty Soil	1	8	1	8	Low
2288	Point	241353.376	677787.926	0.3	Superficial	Granular		20.48	Peaty Soil	1	8	1	8	Low
2289	Point	241337.5386	677799.3516	0.2	Superficial	Granular		24.05	Peaty Soil	1	8	1	8	Low
2290	Point	241325.2331	677806.1495	0.2	Superficial	Granular		18.67	Peaty Soil	1	8	1	8	Low
2291	Point	241311.053	677810.1252	0.2	Superficial	Granular		10.28	Peaty Soil	1	6	1	6	Low
2292	Point	241295.0503	677817.0593	0.2	Superficial	Granular		12.58	Peaty Soil	1	8	1	8	Low
2293	Point	241344.5839	677778.9889	0.1	Superficial	Granular		25.57	Peaty Soil	1	8	1	8	Low
2294	Point	241329.5113	677780.5879	0.3	Superficial	Granular		16.39	Peaty Soil	1	8	1	8	Low
2295	Point	241316.1763	677785.6569	0.1	Superficial	Granular		12.13	Peaty Soil	1	8	1	8	Low
2296	Point	241304.5788	677794.1958	0.2	Superficial	Granular		11.58	Peaty Soil	1	6	1	6	Low
2297	Point	241288.8279	677794.8561	0.2	Superficial	Granular		8.55	Peaty Soil	1	6	1	6	Low
2298	Point	241332.2499	677753.7548	0.2	Superficial	Granular		15.06	Peaty Soil	1	8	1	8	Low
2299	Point	241305.5768	677763.8125	0.1	Superficial	Granular		16.00	Peaty Soil	1	8	1	8	Low
2300	Point	241305.9093	677777.213	0.1	Superficial	Granular		12.49	Peaty Soil	1	8	1	8	Low
2301	Point	241293.8368	677781.593	0.1	Superficial	Granular		12.65	Peaty Soil	1	8	1	8	Low
2302	Point	241281.4699	677773.6153	0.1	Superficial	Granular		14.28	Peaty Soil	1	8	1	8	Low
2303	Point	241274.7189	677760.7725	0.2	Superficial	Granular		14.84	Peaty Soil	1	8	1	8	Low
2304	Point	241294.9794	677751.4325	0.2	Superficial	Granular		18.96	Peaty Soil	1	8	1	8	Low
2305	Point	241313.9954	677743.263	0.2	Superficial	Granular		15.36	Peaty Soil	1	8	1	8	Low
2306	Point	241249.6312	677801.4281	0.2	Superficial	Granular		8.10	Peaty Soil	1	6	1	6	Low
2307	Point	241823.3285	677831.3831	0.5	Soil	Granular		5.44	Peaty Soil	1	4	1	4	Negligible
2308	Point	241790.0487	677780.1275	0.4	Soil	Granular		4.93	Peaty Soil	1	4	1	4	Negligible
2309	Point	241781.3991	677805.0109	0.3	Soil	Granular		4.94	Peaty Soil	1	4	1	4	Negligible
2310	Point	241748.1578	677756.133	0.1	Soil	Granular		4.96	Peaty Soil	1	4	1	4	Negligible
2311	Point	241738.5363	677777.5448	0.4	Soil	Granular		4.98	Peaty Soil	1	4	1	4	Negligible
2312	Point	241705.082	677729.4186	0.5	Soil	Granular		3.98	Peaty Soil	1	2	1	2	Negligible
2313	Point	241695.5059	677753.3284	0.4	Soil	Granular		5.03	Peaty Soil	1	4	1	4	Negligible
2314	Point	241663.0708	677706.4518	0.4	Soil	Granular		7.87	Peaty Soil	1	4	1	4	Negligible
2315	Point	241652.5257	677728.4738	0.7	Peat	Granular		5.46	Thin Peat	2	4	1	8	Low
2316	Point	241619.3629	677684.0864	0.5	Peat	Granular		5.22	Peaty Soil	1	4	1	4	Negligible
2317	Point	241606.3217	677707.3648	0.7	Peat	Granular		4.05	Thin Peat	2	4	1	8	Low
2318	Point	241569.0415	677675.0365	0.1	Soil	Granular		4.13	Peaty Soil	1	4	1	4	Negligible
2319	Point	241560.1422	677697.8917	0.4	Soil	Granular		3.93	Peaty Soil	1	2	1	2	Negligible
2320	Point	241518.0638	677669.6693	0.3	Soil	Granular		5.42	Peaty Soil	1	4	1	4	Negligible
2321	Point	241507.4767	677693.0989	0.5	Soil	Granular		5.42	Peaty Soil	1	4	1	4	Negligible
2322	Point	241465.2423	677667.6942	0.4	Soil	Granular		5.86	Peaty Soil	1	4	1	4	Negligible
2323	Point	241458.7643	677691.9154	0.4	Soil	Rock		5.98	Peaty Soil	1	4	2	8	Low
2324	Point	241418.4567	677673.2406	0.6	Peat	Granular		7.53	Thin Peat	2	4	1	8	Low
2325	Point	241408.609	677699.287	0.2	Soil	Granular		7.47	Peaty Soil	1	4	1	4	Negligible
2326	Point	241371.1477	677678.714	0.2	Soil	Granular		4.16	Peaty Soil	1	4	1	4	Negligible
2327	Point	241361.3021	677705.3878	0.2	Soil	Granular		4.38	Peaty Soil	1	4	1	4	Negligible
2328	Point	241317.4654	677685.8895	0.1	Soil	Granular		7.93	Peaty Soil	1	4	1	4	Negligible
2329	Point	241313.0844	677713.1492	0.4	Soil	Granular		11.71	Peaty Soil	1	6	1	6	Low
2330	Point	241271.8651	677703.881	0.1	Soil	Granular		11.03	Peaty Soil	1	6	1	6	Low
2331	Point	241265.1117	677728.534	0.2	Soil	Granular		15.89	Peaty Soil	1	8	1	8	Low
2332	Point	241224.4924	677716.3123	0.1	Soil	Granular		11.03	Peaty Soil	1	6	1	6	Low
2333	Point	241214.5205	677742.7648	0.2	Soil	Granular		7.15	Peaty Soil	1	4	1	4	Negligible
2334	Point	241175.9928	677729.5932	0.2	Soil	Granular		11.33	Peaty Soil	1	6	1	6	Low
2335	Point	241165.4698	677757.9575	0.1	Soil	Granular		11.40	Peaty Soil	1	6	1	6	Low
2336	Point	241124.8047	677732.1446	0.1	Soil	Granular		10.92	Peaty Soil	1	6	1	6	Low
2337	Point	241122.3432	677759.3862	0.1	Soil	Granular		10.79	Peaty Soil	1	6	1	6	Low
2338	Point	241068.1535	677745.7127	0.5	Soil	Granular		5.68	Peaty Soil	1	4	1	4	Negligible
2339	Point	241015.7947	677741.3122	0.1	Soil	Granular		15.53	Peaty Soil	1	8	1	8	Low
2340	Point	240968.347	677729.1738	0.1	Soil	Granular		11.32	Peaty Soil	1	6	1	6	Low
2341	Point	240680.674	677406.1243	0.1	Soil	Granular		6.47	Peaty Soil	1	4	1	4	Negligible
2342	Point	240715.5762	677444.7564	0.1	Superficial	Granular		2.77	Peaty Soil	1	2	1	2	Negligible
2343	Point	240749.395	677533.0065	0.1	Superficial	Granular		1.86	Peaty Soil	1	1	1	1	Negligible
2344	Point	240777.8081	677581.8129	0.1	Soil	Granular		5.83	Peaty Soil	1	4	1	4	Negligible
2345	Point	240779.3016	677621.3563	0.1	Soil	Granular		2.31	Peaty Soil	1	2	1	2	Negligible
2346	Point	241947.3693	67796											





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