

# TECHNICAL APPENDIX 10.1: PEAT LANDSLIDE HAZARD RISK ASSESSMENT

**Kirkton Energy Park**

Prepared for: Kirkton Wind Farm Ltd

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### APPENDICES

Appendix 01: Peat Slide Risk Data

## 1.0 Introduction

SLR Consulting Ltd (SLR) was commissioned by Wind2 on behalf of Kirkton Wind Farm Ltd (the applicant) to undertake a Peat Landslide Hazard and Risk Assessment (PLHRA) at the proposed Kirkton Energy Park (proposed development).

The applicant is currently seeking section 36 consent and deemed planning permission for an onshore wind farm comprising eleven wind turbines and battery storage with associated infrastructure. It is this proposed development that has been analysed onsite and assessed within this report.

The purpose of this report is to consider the potential risk of peat slides occurring at the site such that suitable controls and appropriate methodologies can be employed during construction and commissioning of the proposed development to mitigate against these risks.

This report incorporates onsite survey data, desk studies, walkovers and SLR's extensive knowledge of such projects.

The assessment has been undertaken in line with best practice guidance<sup>1,2</sup> issued by the Scottish Government for investigation, assessment and reporting for wind farms 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<sup>3</sup>.

### 1.1 Background

The importance of assessing peat stability of peat deposits in relation to wind farm developments came to the fore as a result of peat slides during construction of the Derrybrien<sup>4</sup> Wind Farm in Ireland in 2003. Although no fatalities were associated with these failures, there was significant environmental impact. Wind farms tend to be constructed in high moorland areas, which are primarily associated with significant peat deposits (typically blanket bogs). There is potential for peat instability to occur, particularly where deposits are in excess of 1m thick. Peat instability is influenced by many factors, including but not limited to, peat thickness, hill slope gradient, underlying geology and subsurface hydrology.

### 1.2 Objectives of Report

The PLHRA is primarily concerned with the influence of peat on the proposed development. The main objective is to assess the potential peat stability at the site, 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 study of available reports including geological, hydrological and topographical information;
- Geomorphological mapping of the site to identify the prevailing conditions influencing the potential for, or any evidence of active, incipient or relict peat instability, including a photographic record and

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<sup>1</sup> Energy Consents Unit Scottish Government., (April 2017) Peat Landslide Hazard and Risk Assessments: Best Practice Guide for Proposed Electricity Generation Developments. Second Edition

<sup>2</sup> Scottish Government, Scottish Natural Heritage, SEPA., (2017) Peatland Survey. Guidance on Developments on Peatland, on-line version only.

<sup>3</sup> Scottish Renewables, Scottish Natural Heritage, SEPA, Forestry Commission Scotland, Historic Environment Scotland, Marine Scotland Science, AEECoW (2019)., Good Practice During Wind Farm Construction., Fourth Edition

<sup>4</sup> Lindsay, R.A. and Bragg, O., (2004), 'Windfarm and Blanket Peat, The Bog Slide of 16<sup>th</sup> October 2003 at Derrybrien, Co. Galway, Ireland'. University of East London

identification of their location and report on the potential risk of future instability, describing the likely causes and contributory factors;

- 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 site;
- Several phases of peat probing undertaken by SLR at the site; and
- Provide recommendations for further work or specific construction methodologies to suit the ground conditions at the site to mitigate any unacceptable risk of potential peat instability.

This report summarises the findings of the desk study and peat surveys and provides an assessment of the prevailing ground conditions at the site and how they relate to peat stability issues.

### 1.3 Site Location and Development Description

The proposed development site is located approximately 2.1km south of Melvich Village in the county of Sutherland in northern Scotland and is centred at National Grid Reference (NGR) NC 87999, 59788 (See **Figure 10.1.1**). The application boundary occupies an area of approximately 419.38ha (including the two potential abnormal load turning areas), although only a small proportion of this would be occupied by new infrastructure associated with the proposed development.

The layout of the proposed development is illustrated on **Figure 10.1.2** and would include the following key components:

- 11 wind turbines with internal transformers with bladed heights of up to 149.9m;
- associated turbine foundations and hardstanding areas;
- a total of approximately 7.52 km of on-site tracks with associated water crossings, passing place and turning heads;
- search areas for up to two borrow pits;
- one onsite substation compound, which will incorporate up to 20MW of battery storage;
- one temporary site construction compound;
- a network of on-site buried electrical cables; and
- associated ancillary works.

For a full description of the proposed development, please refer to **Chapter 3: Development of Description** (EIAR Volume 2: Main Report).

## 1.4 Scope of Report

The scope of the report is primarily concerned with the influence of peat on the design, construction and operation of the proposed development and secondly to minimise the disturbance of peat, where present.

The principal objective was to assess the extent of organic peat (greater than 0.5m) and peaty soils (less than 0.5m) onsite, with the purpose of identifying stability at the site, areas of potential concern and any mitigation measures required to ensure the maintenance of peat stability before, during and after construction.

Following several design iterations, this information should demonstrate that areas of increased peat slide risk have been avoided and there is minimum disruption to peat areas by avoidance of deeper peat.

### 1.4.1 Peat Landslide Hazard and Risk Assessment

The purpose of a PLHRA is to identify those parts of the site 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.

Construction of a wind farm would only increase the risk of peat slope instability if good geotechnical construction practice is ignored. It is a requirement of all wind farm developments to follow a very carefully worded and designed Construction Environmental Management Plan (CEMP) which uses many of the recommendations of the PLHRA.

Without the guidance contained in a Construction Method Statement or 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 site. A numerical analysis was undertaken in which coefficients were allocated for each of the factors influencing peat stability and their impact on possible receptors. This aspect is described in greater detail in Section 6.0.

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 the drawings represents the final iteration of the wind turbine layout.

The 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.

## 2.0 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 minimal soil;
- the presence of slope gradients greater than 4° (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;
- 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>5</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.

### 2.1 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 undrained 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>6</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>7</sup>, typically less than 0.5m 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>8</sup> (1926). The humification value ranges from H1 (no

<sup>5</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>6</sup> Lindsay, R.A., (1995), 'Bogs: The ecology, classification and conservation of Ombrotrophic Mires.' Scottish Natural Heritage, Perth

<sup>7</sup> Ingram, H.A.P., (1978), 'Soil layers in mires: function and terminology'. Journal of Soil Science, 29, 224-227.

<sup>8</sup> von Post, L. and Grunland, E., (1926), 'Sodra Sveriges torvillganger 1' Sveriges Geol. Unders. Avh., C335, 1-127.

decomposition) to H10 (highly decomposed). The extended system set out by Hobbs<sup>9</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.

### 2.1.1 Peat Undrained Shear Strength

In geotechnical terms, the undrained 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 undrained shear strength does not strictly apply. At present there is no real alternative method defining the undrained shear strength of peat, therefore the geotechnical definition is generally adopted, in the knowledge that it should be used with great caution.

As noted before 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 a significant 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 undrained shear strength of a sample and the thickness of overburden above it.

Consequently, it is almost impossible to predict an undrained shear strength profile in peat and attempts to measure the undrained shear strength using normal geotechnical methods can be misleading. Typical values of undrained shear strength from hand shear vanes would be in the range 10-60 kilopascal (kPa) although values over 100kPa 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 that any quotation of undrained shear strength for peat should be treated with extreme caution.

### 2.1.2 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 proposed development.

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

- the geographical limits which could be affected by potential instability are not confined to the artificial boundaries imposed by land ownership; landslip occurring above a site could affect the site and property down slope or downstream of the site for several kilometres;

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<sup>9</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.

- 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>10</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; and
- artificial drainage - where agricultural 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.

## 2.2 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 wind farm, therefore it is important to identify such instability as part of the Peat Stability Assessment.

### 2.2.1 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>11</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>11</sup> and

<sup>10</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>11</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.

- 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.

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

- peat thickness in excess of 1.5m with no upper limit;
- shallow gradients, generally within the range of 2 to 10°, peat thicker than 1.5m 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 1m below ground level, (the groundwater level may rise above this but rarely falls below)<sup>12</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 turbary (peat cutting), failure is made more likely.

### 2.2.3 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 2.0m;
- 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.

### 2.2.4 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.

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<sup>12</sup> Crisp, D.T., Dawes, M. & Welch, D. (1964), 'A Pennine Peat Slide', The Geographical Journal, Vol 130, No4, pp519-524.



### 2.2.5 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.

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 is a greater frequency of extreme weather, intense storms being one element.

## 3.0 Desk Based Assessment

A desk based review of the site has been conducted by use of the following sources of information:

- hydrological and geological maps and records;
- topographical survey maps and Digital Terrain Model (DTM) data;
- ordnance Survey mapping (including historical maps) and aerial photography;
- environmental records pertaining to the site including rainfall; and
- other publicly available data pertaining to the site.

### 3.1 Geological Setting

#### 3.1.1 Soils

The principal soil type underlying the site is peaty gleys, with peat all present. The peaty gleys' parent materials are the drifts derived from schists, gneisses, granulites and quartzites principally of the Moine Series. The principal soil types underlying the site are:

- peaty podzols derived from schists, gneisses, granulites and quartzites of the Moine Series mainly across the eastern extent of the site, described as freely drained below iron pan and is located beneath the proposed site access, substation and construction compound;
- peat mainly across the western extent of the site, described as blanket peat > 1m; and
- alluvium is shown outside of the site boundary and to bound the Halladale River.

Of the peat recorded onsite, the majority has been classified as Class 2 by the Carbon and Peatland 2016 map. Classes 1 and 3 are also present on the site, the details of which are shown in **Table 3-1**.

Peatland classification (SNH, 2016) mapping illustrates that the majority of the proposed turbines may be underlain by Class 1 and 2 peatland (priority peatland). Turbine 5 is shown to be underlain by Class 3 acidic soils rather than peatland.

The principal soil type underlying the site is peaty gleys, with peat all present. The peaty gleys' parent materials are the drifts derived from schists, gneisses, granulites and quartzites principally of the Moine Series.

Of the peat recorded onsite, the majority has been classified as Class 2 by the Carbon and Peatland 2016 map<sup>13</sup>. Classes 1 and 5 are also present on the site, the details of which are shown in **Table 3-1**.

**Table 3-1: Classifications of Peat present Onsite**

Class of Peat	Peat Description	Indicative Soil	Indicative Vegetation
1	Nationally important carbon-rich soils, deep peat and priority peatland habitat. Areas likely to be of high conservation value.	Peat soil	Peatland

<sup>13</sup> Scottish Natural Heritage (SNH), The James Hutton Institute and Scottish Government., (2016) *Carbon and Peatland 2016 map*. [viewed February 2020] Available from: [map.environment.gov.scot/soil\\_maps/](http://map.environment.gov.scot/soil_maps/) Scottish Government, 2016, Last accessed February 2020

Class of Peat	Peat Description	Indicative Soil	Indicative Vegetation
2	Nationally important carbon-rich soils, deep peat and priority peatland habitat. Areas of potentially high conservation value and restoration potential.	Peat soil with occasional peaty soil	Peatland or areas with high potential to be restored to peatland
5	Soil information takes precedence over vegetation data. No peatland habitat recorded. Soils are carbon-rich and deep peat.	Peat soil	No peatland vegetation

### 3.1.2 Superficial Geology

The superficial geology onsite comprises of peat present across the flatter hill tops, and valley sides. Bedrock has been recorded as at or near the surface across some of the steeper valley sides. Fluvial and glacial deposits are recorded towards the north of the site, along slopes.

The superficial geology of the site is detailed in **Figure 10.1.3**.

### 3.1.3 Bedrock Geology

The site is predominantly underlain by metamorphic lithologies from the Neoproterozoic era. Igneous granite bedrock is also present on the site which dates to the Silurian era, see **Figure 10.1.4**.

The Portskerra Psammite is the dominant lithology across the site, comprising of a migmatitic psammite and semipelite subunit and a quartzite subunit. This is detailed further in **Table 3-2**.

**Table 3-2: Bedrock Geology Summary**

Age	Stratigraphic Group	Unit	Subunit	Description
Silurian 443.8 – 419.2 Ma	Argyll and Northern Highland Granitic Suite	Strath Halladale Granite	-	Granite and biotite
Neoproterozoic 1000 – 541 Ma	Glenfinnan Group and Loch Eil Group	Portskerra Formation	Migmatitic psammite and semipelite	-
			Quartzite	-

### 3.1.4 Mining and Quarrying

Following review of publicly available records, there is no evidence of historic mining onsite.

### 3.1.5 Hydrogeology

The solid geology underlying the site is classified as a Low Productivity Aquifer, where flow is virtually all through fractures and other discontinuities.

### 3.1.6 Local Hydrology

The site is drained into the same water catchment. Streams flow west off the site into the Halladale River. The main streams onsite are the Allt na h-Eaglaise and the Allt nan Gall.

### 3.1.7 Rainfall

The nearest rainfall gauging station is the Forsinian Station located approximately 18km south of the site. The average annual rainfall at the Forsinian Station over the period 2011 to 2021 was 1,098mm (SEPA).

### 3.1.8 Forestry

The majority of the site is open land, however there is a forestry plantation located at the north of the site, and a smaller forestry plantation located at the south west of the site. Peat thicknesses are varied at the northern forestry plantation and limited at the forestry plantation at the south west of the site.

### 3.1.9 Topographic Surveys

All of the surveys were based on 5m DTM data which was used to determine slopes across the site and to determine slope coefficient (score) factors at each probe hole location. The site has been characterised into slope classes and a slope plan produced to identify slope areas where potential gradients are more or less susceptible to slope failure mechanisms. The steeper slopes on the site are generally found in the western half of the site on east facing slopes. However, the average gradient onsite is 6° and the site infrastructure has avoided steep slopes where possible.

Ground elevations at site range between approximately 20m Above Ordnance Datum (AOD) in the east of the site to approximately 160m AOD in the north west of the site. Elevations generally fall eastwards towards the Halladale River.

### 3.1.10 Aerial Photography

The aerial photography indicates limited changes in vegetation on the ground, it is however possible to identify stream courses, drainage ditches, and roads/tracks from the photographs. The aerial photographs were used in conjunction with the site DTM data to identify the major geomorphological features, mainly as breaks of slope. The site was further assessed during site visits when more detailed mapping was undertaken.

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, where present, including:

- 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; and
- steeply incised stream cuttings within peat deposits.

The aerial photography, DTM and data gathered on site have been used in conjunction to create a geomorphological interpretation of the site, presented as **Figure 10.1.9**.

#### Extension/Compression Features

There was no evidence visible in the aerial photographs of any extension or compression features in the peat. It was not possible to identify evidence of any significant historic peat failures or slides from the aerial photographs. Ground investigation proved that there were no significant features of this nature in the vicinity of the site and no slumping of peat was evident along track corridors.

## Local Knowledge

No anecdotal background from landowners or past site users was evident to suggest that there has been a history of peat instability on the site.

### 3.1.11 Historic Mapping

Freely available historic OS mapping has been reviewed however no evidence of historic instability was identified.

## 4.0 Site Work

### 4.1 Peat Depth Survey

Peat depth surveys have been undertaken across two phases by SLR. Phase one peat probing was conducted in September 2020 and resulted in the whole site undergoing probing on a 100m grid to allow for initial assessment of the site which was used in preliminary site layout designs. Further phase one peat probing was carried out on Upper Bighouse land, in May 2021, in order to assess the expanded site area.

Phase two probing was conducted in January 2022 which saw detailed probing undertaken across the proposed layout, focussing on access tracks, turbine locations and other site infrastructure.

#### 4.1.1 Methodology

The surveys carried out followed best practice guidance for developments on peatland<sup>1,2</sup>.

##### Peat Depth Analysis

The thickness of the peat was assessed using a graduated fibre glass peat probe, which can be extended to over 10m depth. This was pushed vertically into the peat to refusal and the depth recorded, together with a unique location number and the coordinates from a handheld Global Positioning System instrument (GPS). The accuracy of the GPS was quoted as  $\pm 4\text{m}$ , which was considered sufficiently accurate. All data was uploaded to a PC for incorporation into various figures 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 likely material:

- solid and abrupt refusal – rock;
- solid but less abrupt refusal with grinding or crunching sound – sand or gravel;
- rapid and firm refusal – clay; and
- gradual refusal – dense peat or soft clay.

The peat depth data has been uploaded into various Figures and analysis assessments included within this report.

## 5.0 Slope Stability/Ground Conditions

The stability of slopes is dependent upon the undrained 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 undrained 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.

The problem with a quantitative assessment is that it requires a numerical input and the 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 that a qualitative assessment of stability should be used to provide the final recommendations.

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

### 5.3 Ground Condition Results

The results of the probing exercise are detailed in the following sections and the peat depths identified on site are illustrated in **Figure 10.1.5** and **Figure 10.1.6**.

#### 5.3.1 Peat Soils/Peat

The peat was found to vary across the site in terms of thickness and coverage. The slopes onsite are presented in **Figure 10.1.7**. When viewed in conjunction with the peat depth plans (**Figure 10.1.5** and **Figure 10.1.6**), it is evident that the peat is generally limited to flat expanses that mimic topographically flat lying areas.

A total of 1,755 probe holes were undertaken across all survey phases, with the results summarised in **Table 5-1** below.

**Table 5-1: Peat Probing Data**

Peat Thickness (m)	No. of Probes	Percentage (of total probes undertaken on-site)
0	31	1.8
0-0.49	960	54.7
0.5-0.99	401	22.8
1.00-1.49	130	7.4

Peat Thickness (m)	No. of Probes	Percentage (of total probes undertaken on-site)
1.50-1.99	115	6.6
2-2.49	32	1.8
2.5-2.99	52	3.0
3-3.49	16	0.9
3.49 - 3.99	15	0.9
4 +	3	0.17

In summary the peat depth probing has shown that:

- the peat was found to vary across the site in terms of thickness, surface slopes and apparent characteristics;
- peat thickness varies from 0.5m to 5.2m on the site and generally mimicked the topography, with peat identified on the topographically flat lying areas; and
- probing identified hummocky glacial deposits across many of the slopes across the site, with bedrock identified at or near surface on many of the steeper slopes.

Accumulations of peat up to 0.5m thick are considered to be too thin to be classified as true peat deposits and are often classified as organic soils or peaty soils.

The underlying soil/peat thickness at each location was recorded and the data used to draw the interpreted peat thickness maps, presented in **Figure 10.1.5** and **Figure 10.1.6**.

### 5.3.2 Substrate

Where possible onsite, an assessment of the substrate was made, as described previously. From the evidence of the probing, 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 was indicated from field observations to be strong to very strong metasedimentary rocks predominantly psammite. The bedding dip and discontinuity spacing could not be determined at this stage but evidence from outcrops confirms the metasediments are folded and exhibit variable bedding orientations and should be subject to further investigation for the design of the turbine foundations; and
- no clay horizons were encountered and evidence from site walkovers did not encounter cohesive clay materials onsite.

### 5.3.3 Description of Ground Conditions at Wind Turbine Locations

**Table 5-2** outlines the ground conditions found at each proposed wind turbine location.



**Table 5-2: Ground Conditions at Proposed Wind Turbine Locations**

Turbine No.	Peat Thickness (m)	Peat Conditions	Slope (°)
T1	0.8	Thin Peat	7.8
T2	0.6	Thin Peat	6.0
T3	0.8	Thin Peat	5.1
T4	0.4	Peaty Soil	5.8
T5	0.1	Peaty Soil	7.3
T6	1.0	Thin Peat	6.5
T7	0.7	Thin Peat	2.7
T8	0.9	Thin Peat	1.5
T9	0.3	Peaty Soil	3.2
T10	0.1	Peaty Soil	3.7
T11	0.3	Peaty Soil	3.6

Of the 11 turbines, peaty soils are found at five locations, thin peat at six locations. The implications of peat depth and slope are analysed further in the next chapter.

## 6.0 Peat Landslide Hazard and Risk Assessment

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

- although there are significant thicknesses of peat present on-site, the wind farm infrastructure has generally avoided the thickest areas of peat;
- there is no evidence of historical or current peat slide activity at the site (having reviewed historical photographs dating back to 2004, with additional photos in 2007, 2012, 2016, 2018 and 2019);
- conclusions of a detailed walkover and results from probing identified predominately negligible and low risk across the site; and
- lack of high-risk receptors on-site.

Where areas of medium and high risk are present, further assessment is necessary and is discussed in Section 6.10.

The method of risk and hazard assessment has been developed with reference to the Scottish 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.

In order to differentiate between risk and hazard, the following nomenclature has been adopted (**Table 6-1**).

**Table 6-1: Risk versus 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 the peat areas that would have an effect on the proposed development and to set out the mitigation that could be adopted and incorporated into the overall site 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 analysis). The following sections present a brief discussion on some of the issues relating to stability and risk assessment.

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 undrained 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. Undrained 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 are:

- A – Slope gradient;
- B – Peat thickness;
- C – Substrate type or condition; and
- D – Historic instability.

The risk scores are multiplied together to generate a 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 10.1.7**), from which the gradient at each probe location could be determined and input into the risk rating spread sheet (**Appendix 01**). The gradient quoted at each location was based on the average gradient over a 5m 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 ( $<8^{\circ}$ ).

**Table 6-2: Coefficients for Slope Gradients**

Slope Angle ( $^{\circ}$ )	Slope Angle Coefficients
Slope $<2^{\circ}$	1
$2^{\circ} \leq$ Slope $<4^{\circ}$	2
$4^{\circ} \leq$ Slope $<8^{\circ}$	4
$8^{\circ} \leq$ Slope $<12^{\circ}$	6
$>12^{\circ}$ Slope	8

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

By simple inspection it is clear that steeper slopes pose a greater risk of instability than shallow gradients. Therefore, a graduated gradient scale from  $0^{\circ}$  to  $>12^{\circ}$  (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 0.5m to 1.5m 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 (in thin peat) and bog slides. Where the probing recorded peat less than 0.5m thick, this has been considered to be an organic soil rather than peat. **Table 6-3** 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 6-3: Coefficients for Peat Thickness and Ground Conditions**

Ground Conditions	Ground Condition Coefficients
Peaty or organic soil (<0.5m)	1
Thin Peat (0.5 – 1.5m)	2
Thick Peat (>1.5m)	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 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 6-4: Coefficients for Substrate**

Substrate Conditions	Substrate Coefficients
Sand/gravel (granular)	1

Substrate Conditions	Substrate Coefficients
Clay	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 Probability 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 6-5**.

**Table 6-5: 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 **Appendix 01** shows that 1,755 probe locations were identified within the extent of the Digital Terrain Model, peaty soil was present at 960 locations. The stability risk rating identified the following:

- negligible risk at 1192 (~68 %) probe locations;
- low risk at 518 (~30%) locations;
- medium risk at 14 (~0.8%) locations;
- high risk at 0 (0%) locations; and
- no peat was recorded at 36 locations (<1%), hence no risk.

**Figure 10.1.8** presents the interpreted risk of peat instability based on the multiplication of the risk coefficients discussed above in **Table 6-2** to **Table 6-4** and using the detailed mitigation in Section 7.0. The peat stability risk rating for each proposed wind turbine is summarised in **Table 6-6**, showing that all of the turbine locations are in areas of negligible or low risk.

**Table 6-6: Stability Risk Rating at Turbine and Infrastructure Locations**

Location	Stability Risk Rating	Peat Depth (m)	Slope (°)	Acceptable Location
T1	Low	0.8	7.8	Yes
T2	Low	0.6	6.0	Yes
T3	Low	0.8	5.1	Yes
T4	Negligible	0.4	5.8	Yes
T5	Negligible	0.1	7.3	Yes
T6	Low	1.0	6.5	Yes
T7	Negligible	0.7	2.7	Yes
T8	Negligible	0.9	1.5	Yes
T9	Negligible	0.3	3.2	Yes
T10	Negligible	0.1	3.7	Yes
T11	Negligible	0.3	3.6	Yes
Substation	Negligible	0.15	4.22	Yes
Construction Compound	Negligible	0.11	6.96	Yes

Location	Stability Risk Rating	Peat Depth (m)	Slope (°)	Acceptable Location
Access Track	Negligible	0.37	5.19	Yes
Borrow Pit 1	Low	0.60	8.30	Yes
Borrow Pit 2	Low	0.53	6.48	Yes

## 6.5 Risk Assessment Results at Turbine and Infrastructure Locations

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

- NEGLIGIBLE risk at 10 locations;
- LOW risk at 4 locations;
- No MEDIUM risk locations identified; and
- No HIGH risk locations were identified.

## 6.6 Hazard Score Development

A further assessment of the medium to high risk infrastructure locations has been undertaken for the site. It should be noted that the impact assessment (adverse consequence) is primarily concerned with impacts that affect the environment, ecology, public or infrastructure associated with the proposed development, both onsite and potentially offsite. 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 the inferred ecological and environmental issues are addressed. The proposed mitigation measures in Section 7.0 would limit the potential for any slope failures into watercourses or drainage features, hence limiting such impacts.

The effect a slope failure may have on the construction site and infrastructure can be 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 a site; 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.

## 6.7 Receptor Ranking

Now the infrastructure features with a 'medium' 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 site and surrounding area. From this, receptors at risk from 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 6-7** presents the coefficients placed on receptor types.

At the site, local receptors are the streams which flow east off the site into the Halladale River. The main streams onsite are the Allt nah-Eaglaise and the Allt nan Gall. Communities have been discounted due to distance from infrastructure, the impact therefore, should a slide occur is directly to watercourses.

**Table 6-7: 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

## 6.8 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 proposed development and relative elevation differences between the proposed development and impact receptor - are applied in deriving an impact ranking. **Table 6-8** and **Table 6-9** present the coefficients derived for distance and elevation of impact receptors.

**Table 6-8: Coefficient for Impact Feature Distance**

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

**Table 6-9: Coefficient for Impact Feature Elevation**

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

### 6.8.1 Adverse Consequence

The adverse consequence 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 SLR has identified watercourses (which are the most sensitive receptor near the site). 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 6-7** the watercourses would have an impact receptor coefficient (score) of 3 and then, considering the distance to the receptor and the relative elevation differences on-site of receptors, a potential impact can be derived.

## 6.9 Hazard Ranking

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

### 1. Hazard Ranking = Hazard x Exposure

This guidance provides the basis applied to the assessment carried out so far in the following approach:

### 2. Hazard Ranking = Probability of a Peat Landslide x Adverse Consequences

In order to achieve a meaningful and manageable result from the hazard ranking, the results of the Probability (Peat landslide) and Adverse Consequences (impact) have been normalised to a standard numerical scale (below).

**Table 6-10: Rating Normalisation**

Probability of a Peat Landslide		Adverse Consequence (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 be more rigorous than the assessment scheme proposed by the Scottish Government<sup>1</sup>. The ultimate Hazard Ranking scale does equate to the SE 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, as illustrated in **Table 6-10** above.

**Table 6-11: Hazard Ranking**

Hazard Ranking	Hazard Ranking Level	Action
1-4	Insignificant/Negligible	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.

Hazard Ranking	Hazard Ranking Level	Action
5 - 10	Significant/Low	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/Medium	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/High	Unacceptable level of hazard; development within the area should be avoided.

## 6.10 Results

The stability risk assessment has demonstrated that the majority of the site lies within an area of negligible to low risk with regards to stability based on **Figure 10.1.8**. Those areas that have been identified as being at medium or high risk of instability but do not impact the site layout have not been considered in a hazard impact assessment.

There are fourteen areas of medium risk of peat instability that have been identified across the site. Following review, the majority of these locations (10 No.) are not considered to have either a potential impact on the wind farm infrastructure, due to locality, either well away from influencing wind farm infrastructure, in a down gradient position or have no impact on the local watercourses (receptors). Therefore, four medium risk sites have been identified and are discussed in the following section.

There are several residential properties within 1km of the site boundary, and so these could be analysed as potential receptors. However, there are no medium or high-risk locations within 1km of the properties and so no risk is posed to the community. The River Halladale and its tributaries are receptors and there are sporting activities in the form of fishing and grouse shooting as well as public access rights within the site boundary.

The proposed infrastructure within the site is limited to the turbines, access tracks and cable routes, the substation and the construction compounds (temporary).

The stability risk assessment results presented in **Table 6-12** shows the calculated hazard ranking associated with every location where there is a stability risk of medium or above, at or close to wind farm 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 6-12**, together with the associated, revised hazard ranking. A more detailed discussion of the possible mitigation measures is presented in Section 7.0.

## 6.11 Hazard Rated Locations

As shown in **Table 6.6** 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 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 10.1.8** 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.

The assessment carried out in **Table 6-12** was completed as described in the sections above. For example, Location 1 has a risk rating of 3 (derived from **Table 6-5** and **Table 6-10**) with an impact rating of 2 (derived from the process described in Section 6.8.1 and normalised in **Table 6-10**). These ratings are multiplied (3x2) to give a hazard ranking of 6 (significant), as detailed in **Table 6-11** and the localities shown on **Figure 10.1.8**.

Although the potential hazards identified in **Table 6-12** can be mitigated to ‘insignificant’ it is believed that hazards should be subject to further post-consent investigation and ongoing monitoring during construction. Further details of mitigation during construction are described in Section 7.0.

**Table 6-12: Stability Hazard Ranking Assessment**

Location	Coordinates	Risk Rating	Impact Rating	Hazard Ranking	Mitigation	Revised Ranking	Hazard
1 Between T1 and T2	288078 960858	Medium (3)	Low (2)	Significant (2)	Thin peat with significant gradient. good construction practices to mitigate against risk.	Insignificant	
2 On track to T1	288177 960943	Medium (3)	Low (2)	Significant (2)	Thin peat with significant gradient. good construction practices to mitigate against risk.	Insignificant	
3 On track to T1	288308 960879	Medium (3)	Low (2)	Significant (2)	Thin peat with significant gradient. good construction practices to mitigate against risk.	Insignificant	
4 BP1 North	288075 961032	Medium (3)	Low (2)	Significant (2)	Thick peat on a moderate gradient. good construction practices to mitigate against risk.	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 extensive evidence for past peat instability onsite, 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 should be incorporated into the CEMP for the site.

For full details of the mitigation measures proposed, please refer to **Technical Appendix 3.1: Outline CEMP** and **Technical Appendix 10.2 Peat Management Plan**.

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:

- an appropriately experienced and qualified engineering geologist/geotechnical engineer should be appointed during the construction phase, to provide advice during the setting out, microsites and construction phases of the works;
- a 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 microsites 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 site, 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 areas of deep peat (>1.0m).

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 proposed development.

### 7.1 General

- 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;
- 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 proposed 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 to 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. These should be maintained and silt build up should be removed regularly.
- 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/water bars and scour/erosion protection to limit flows and prevent contamination of watercourses; and
- measures should 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 the CEMP.

## 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>4</sup>, amongst others. Following a review of published work and the observation and analysis undertaken for the proposed 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 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 would require excavation of peat and subsoil to create a suitable area for the foundation of the base, though subject to ground investigation, piled foundations may be considered

It is the objective of this assessment to consider the potential risk from peat instability and to recommend solutions and mitigation measures to eliminate, or at least reduce the risk to a manageable level. Risk reduction would best be achieved by minimising the effect of any construction works and an appropriate CEMP is an integral element in ensuring that all parties understand and acknowledge the potential consequences of a peat slide.

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 up to 28m 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 site 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>14</sup>. For further details on reuse of peat, refer to **Technical Appendix 10.2: Peat Management Plan**. 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. A 'permit to pump' procedure would be in place prior to water being pumped from an excavation to prevent standing water within the base of an excavation.

## 7.5 Access Tracks

The general principles regarding the construction of the access tracks in peat which minimise 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 should 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;
- 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 where possible (not enhanced) during the construction and operational phases of the proposed 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. Where the roadside

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<sup>14</sup> SEPA (May 2017)., *SEPA Regulatory Position Statement – Developments on Peat and Off-site Uses of Waste Peat* )SEPA Guidance., WST-G-052. Version 1.

ditches are on the up-slope side of the road, regular cross drains will be used to take the flow towards the down-slope side and out to silt control devices and back onto the hillside;

- install additional drainage in areas up-slope to any track to prevent ponding and possible instability;
- install small check dams at regular intervals along the track side drains to prevent high water velocities in the side drains causing deep erosion in the peat;
- where track construction is required over peat areas in excess of 1.0m thick, this would be undertaken with a floating track construction, where the integrity of the peat allows and cross gradients are appropriate to allow floating roads;
- cut and fill should be avoided in peat greater than 1.0m thick 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 surfaces 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;
- the track drainage shall be on the up-slope side of the road, with the cross-fall towards that side. The track drainage ditches will be sized to accommodate the runoff anticipated – generally to be located on one side of the track, but on both if there is a short section with no cross slope; 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.

## 7.6 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 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.

## 7.7 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 the Scottish Environmental Protection Agency (SEPA). For further details refer to **Technical Appendix 10.4: Schedule of Watercourse Crossings**.



## 7.8 Substation Compound

There are no peat related issues associated with the substation compound site.

## 7.9 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 10.3: Borrow Pit Appraisal**.

## 7.10 Construction Compound

The temporary construction compound figures is located on area of thin peat on relatively flat ground and will require minimal construction management.

## 7.11 Further Work

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 site.

More detailed ground investigations would be required to facilitate the geotechnical design of the various foundations and access track prior to commencement of development.

The site 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 1,755 locations in areas of identified peaty soil/peat to determine the thickness thereof.

The overall conclusion regarding peat stability is that there is a negligible to low risk of peat instability over most of the site although some areas of medium risk have been identified. For these areas, a hazard impact assessment was completed which concluded that, subject to the employment of appropriate mitigation measures, all these 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 be covered in thin peat and peaty soils including some localised areas of deep peat up to 5.4m. The locally thicker areas of peat have been avoided through layout design. The site is largely undulating with an average gradient of 6°, meaning that there is limited potential for a peat slide to occur, or to travel significant distances.

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 rather than attempt to put it right after the event.



## 8.0 Conclusion

The site 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 1,755 locations in areas of identified peaty soil/peat to determine the thickness thereof.

The overall conclusion regarding peat stability is that there is a negligible to low risk of peat instability over most of the site although some areas of medium risk have been identified. For these areas, a hazard impact assessment was completed which concluded that, subject to the employment of appropriate mitigation measures, all these 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 be covered in thin peat and peaty soils including some localised areas of deep peat up to 5.4m. The locally thicker areas of peat have been avoided through layout design. The site is largely undulating with an average gradient of 6°, meaning that there is limited potential for a peat slide to occur, or to travel significant distances.

The report has highlighted the complicated inter-relationship between all the aspects of the proposed development that may have an effect on the stability of peat. Consequently, this Technical Appendix has also addressed construction and drainage as part of the approach to addressing risks to stability.

### 8.1 Recommendations

A summary of recommendations is provided in the following sections.

#### 8.1.1 Stability

The complexity of peat stability has been discussed in some detail in this Technical Appendix and at great length by Lindsay and Bragg<sup>4</sup>, amongst others. Following a review of published work and the observation and analysis undertaken for this project, it is believed that there will 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 will be established before work commences to ensure poor construction practices do not precipitate instability.

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 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.

#### 8.1.2 Wind Turbines

It is the objective of this assessment to consider the potential risk from, or to initiate, peat instability and to recommend solutions and mitigation measures to eliminate, or at least reduce the risk to a manageable level. Risk reduction can be best achieved by minimising the effect of any construction works and an appropriate Construction Method Statement is believed to be an integral element in ensuring that all parties understand and acknowledge the potential consequences of a peat slide.

The preferred foundation solution for areas of thick peat would be a gravity pad foundation bearing on a sound stratum. The side slopes of the excavation in the peat should be maintained in a stable condition throughout the construction process; consideration should be given to constructing a rock retaining bund (rock doughnut) prior to excavation of the peat or alternatively micro-siting to reduce peat thickness.

### 8.1.3 Access Track

The main recommendations for the design and construction of typical site access tracks over peat are listed below:

- identify and mark all existing drainage features within track corridors; these drainage features should be maintained (not enhanced) during the construction and operational phases of the wind farm;
- 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 access 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 construction is required over peat areas in excess of 1m deep, this should be undertaken with a floating track construction, where the integrity of the peat allows and cross gradients are appropriate to allow floating roads;
- longitudinal gradients to be consistent with limitations of the heavy lift and large transport vehicles, probably no steeper than 1 v : 8 h;
- crossfalls on the track surface to shed water to the up-slope drainage ditches;
- cut and fill should be avoided in peat greater than 1.0m deep if possible; if not, the following requirements on side long ground should be adopted;
  - excavate to a sound stratum;
  - construction surface 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.

### 8.1.4 Temporary Construction Compounds

The proposed locations of construction compounds have all been assessed and the position of the site is, by design, in an area of negligible to low risk, with limited peat thickness.

### 8.1.5 Borrow Pits

Both borrow pit locations have been assessed and are in areas with limited peat thickness and negligible to low risk.

### 8.1.6 Substation Compound

The substation compound is in a location that has been assessed as having limited peat thickness and low risk.

### 8.1.7 Further Work

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 peatlands at the proposed development.

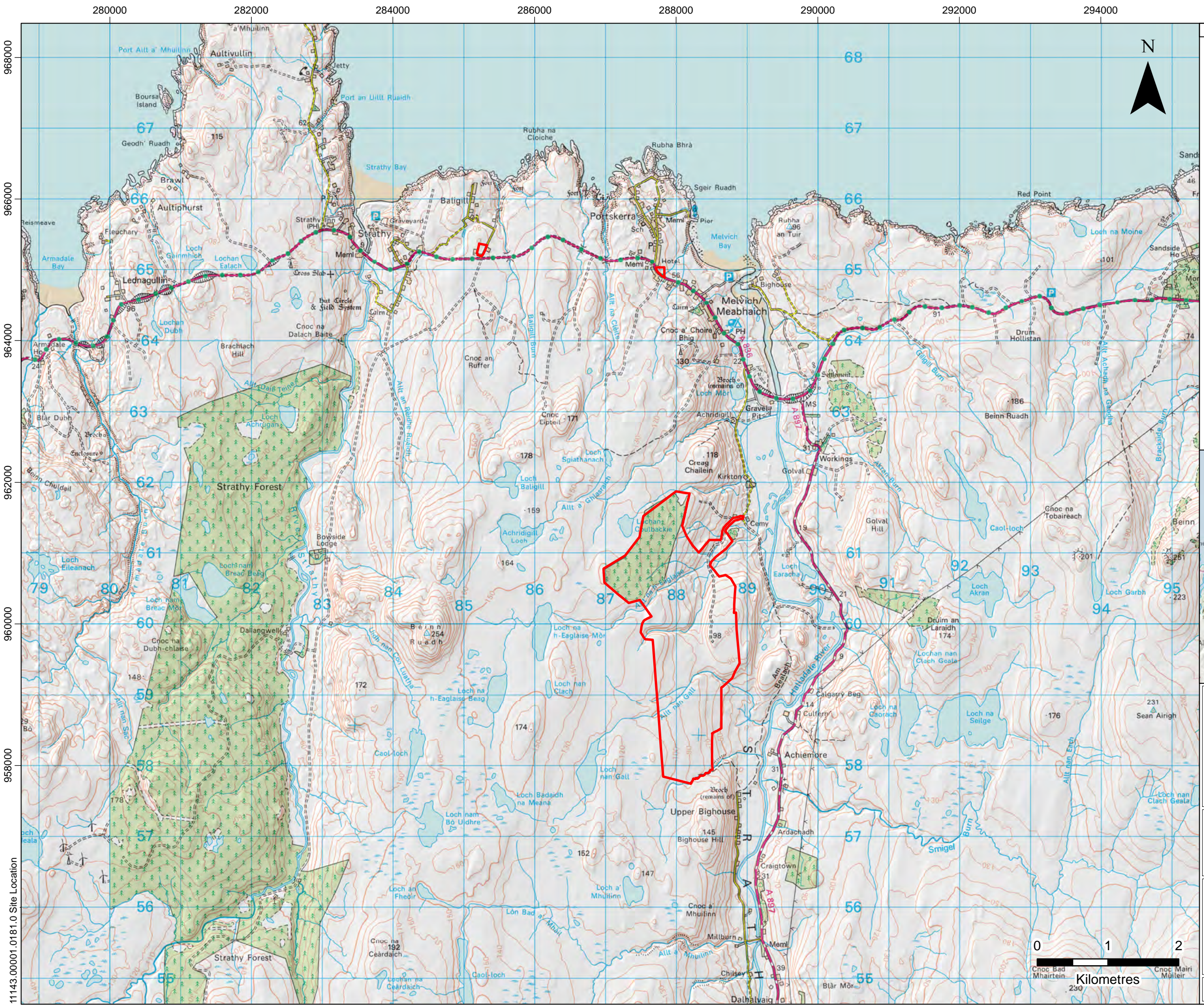
The commissioned assessment has purposefully kept the extent of physical intrusion into the sensitive peat areas to an absolute minimum. The results are considered appropriate for the planning application.

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 further investigation at the pre commencement stage; however, it is believed that the strength and stiffness parameters are needed for turbine design and regular probes along access tracks to determine bearing capacity for either excavated or floated track design.

## FIGURES





LEGEND

Application Boundary

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**APPENDIX - PLHRA**

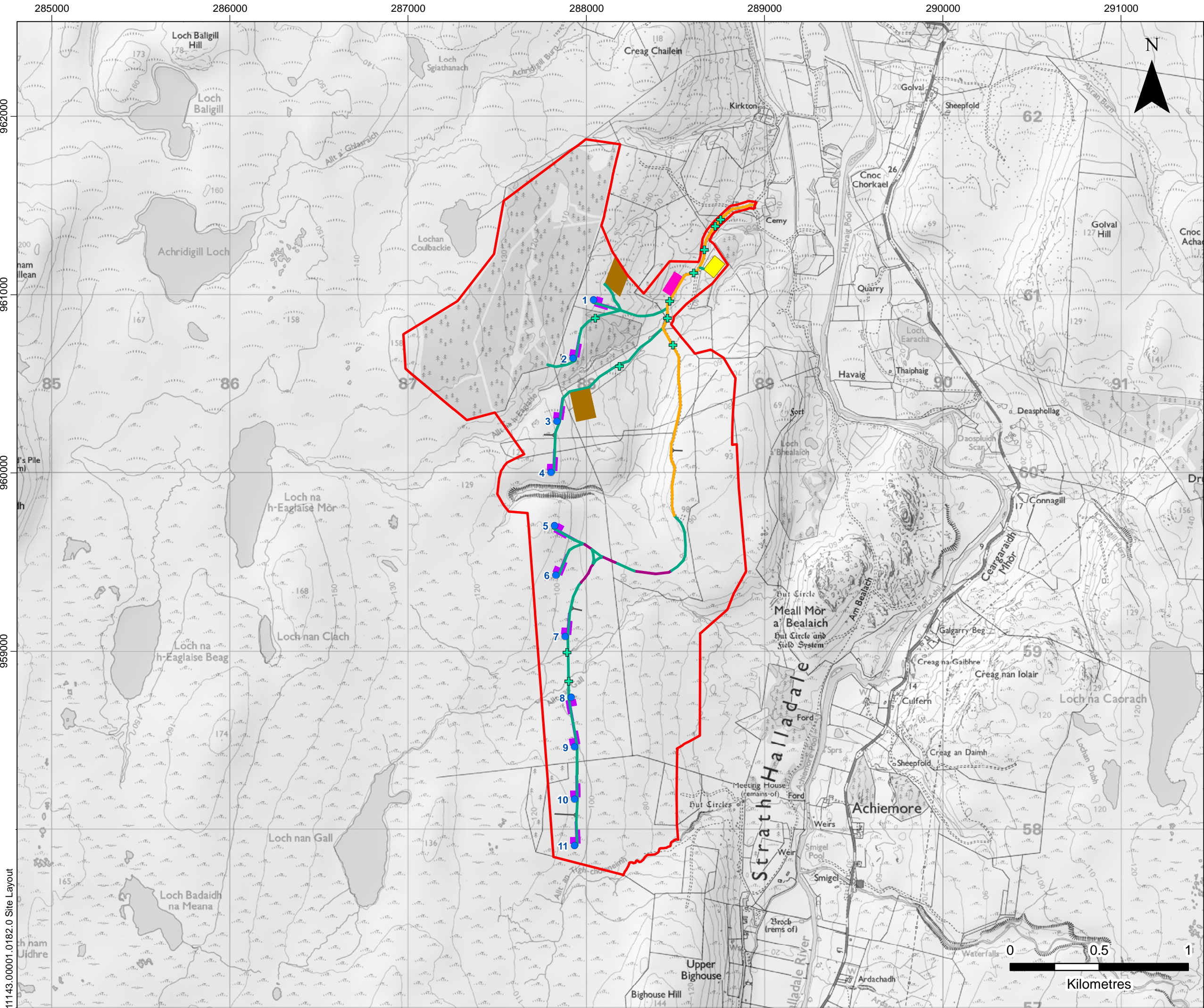
**SITE LOCATION**

**FIGURE 10.1.1**

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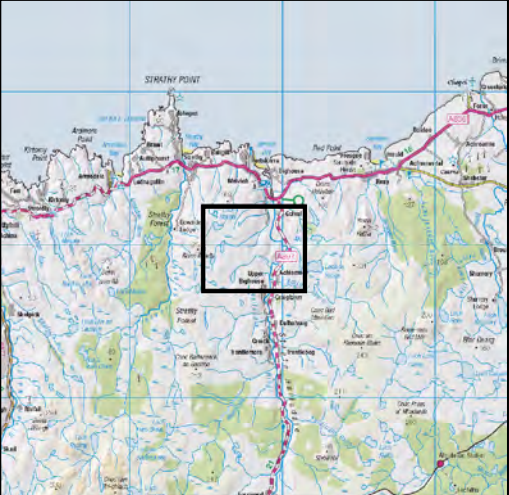
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NOVEMBER 2022





**LEGEND**

- Application Boundary
- Proposed Turbine
- Proposed New Track
- Proposed New Floated Track
- Proposed Upgraded Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Temporary Construction Compound
- Proposed Borrow Pit
- Proposed Watercourse Crossing



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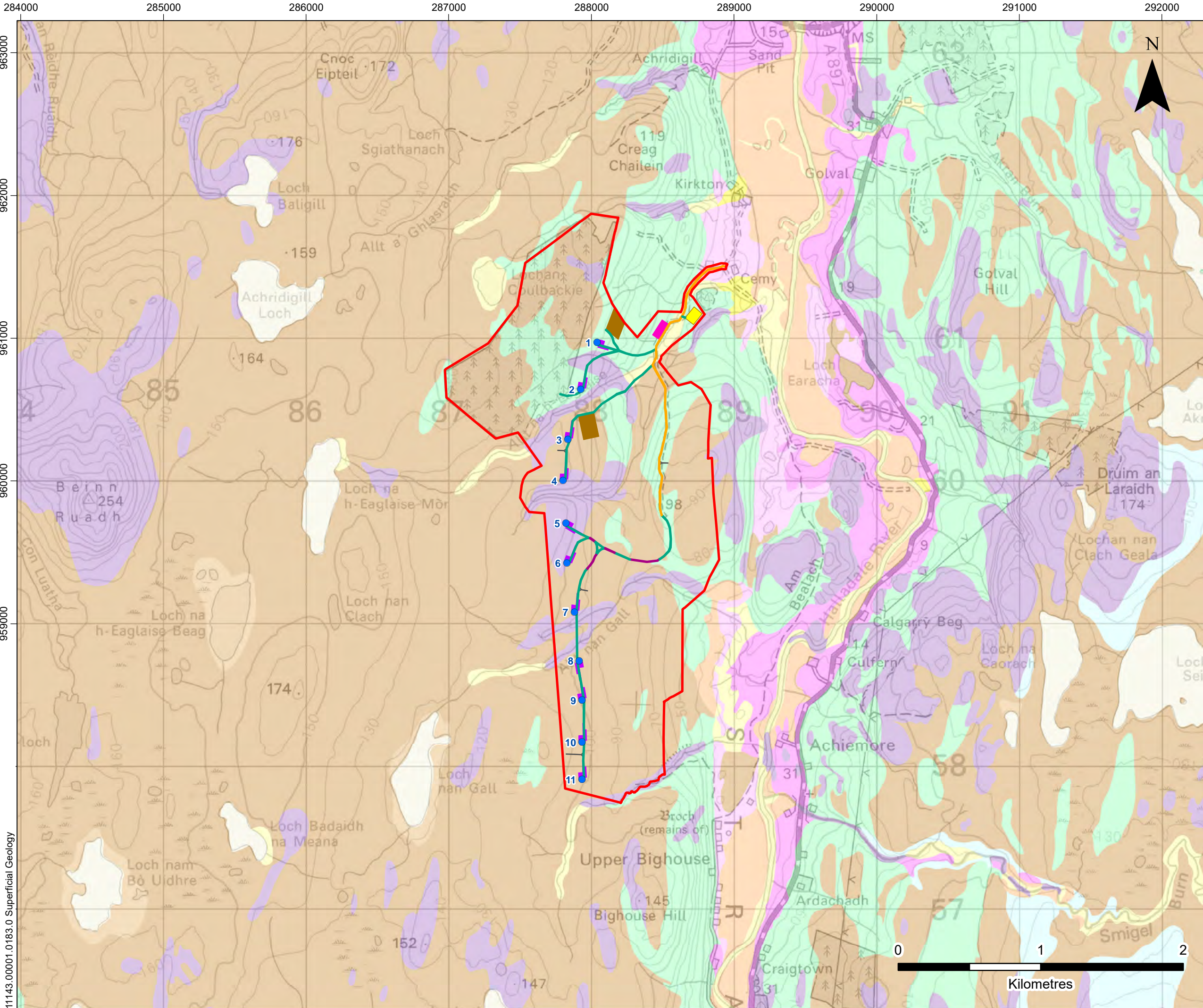
**SITE LAYOUT**

**FIGURE 10.1.2**

Scale 1:20,000 @ A3

Date NOVEMBER 2022





**LEGEND**

Application Boundary

Proposed Turbine

Proposed New Track

Proposed New Floated Track

Proposed Upgraded Track

Proposed Crane Pad

Proposed Substation Compound

Proposed Temporary Construction Compound

Proposed Borrow Pit

**Superficial Geology**

Alluvium - Clay, Silt, Sand and Gravel

Alluvial Fan Deposits - Sand, Gravel and Boulders

Peat

Hummocky (Moundy) Glacial Deposits - Sand, Gravel and Boulders

Glaciofluvial Deposits - Gravel, Sand and Silt

Glaciofluvial Ice Contact Deposits - Gravel, Sand, Silt and Clay

Glaciofluvial Sheet Deposits - Gravel, Sand and Silt

River Terrace Deposits (Undifferentiated) - Gravel, Sand and Silt

Lacustrine Deposits - Clay, Silt and Sand

Thormaid Till Member – Diamicton

Bedrock At or Near

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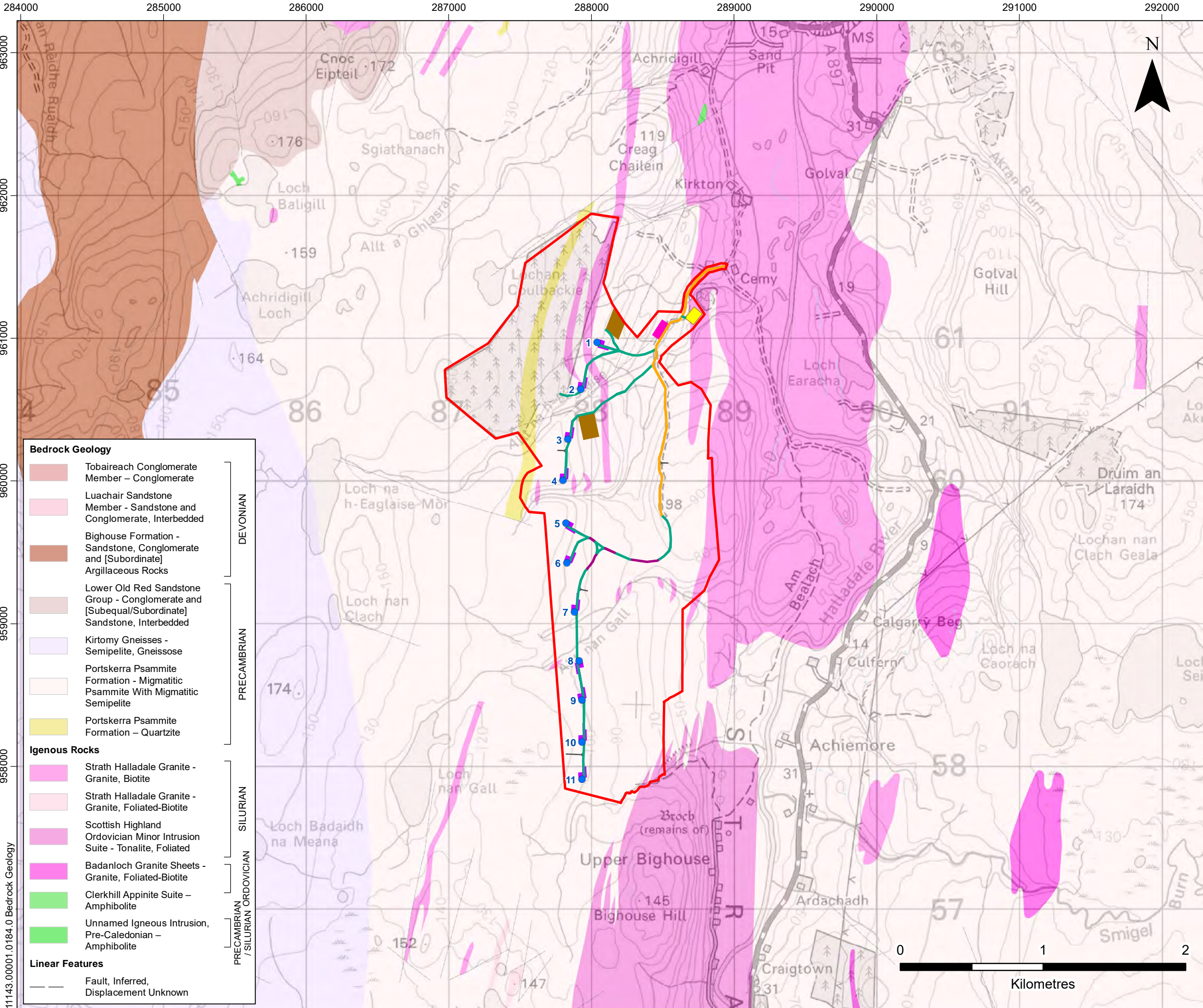
SITE SUPERFICIAL GEOLOGY

FIGURE 10.1.3

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Date  
NOVEMBER 22





Tobaireach Conglomerate Member – Conglomerate

Luachair Sandstone Member - Sandstone and Conglomerate, Interbedded

Bighouse Formation - Sandstone, Conglomerate and [Subordinate] Argillaceous Rocks

Lower Old Red Sandstone Group - Conglomerate and [Subequal/Subordinate] Sandstone, Interbedded

Kirtomy Gneisses - Semipelite, Gneissose

Portskerra Psammite Formation - Migmatitic Psammite With Migmatitic Semipelite

Portskerra Psammite Formation – Quartzite

Strath Halladale Granite - Granite, Biotite

Strath Halladale Granite - Granite, Foliated-Biotite

Scottish Highland Ordovician Minor Intrusion Suite - Tonalite, Foliated

Badanloch Granite Sheets - Granite, Foliated-Biotite

Clerkhill Appinite Suite – Amphibolite

Unnamed Igneous Intrusion, Pre-Caledonian – Amphibolite

Fault, Inferred, Displacement Unknown

DEVONIAN

PRECAMBRIAN

SILURIAN

PRECAMBRIAN / SILURIAN ORDOVICIAN

Application Boundary

Proposed Turbine

Proposed New Track

Proposed New Floated Track

Proposed Upgraded Track

Proposed Crane Pad

Proposed Substation Compound

Proposed Temporary Construction Compound

Proposed Borrow Pit

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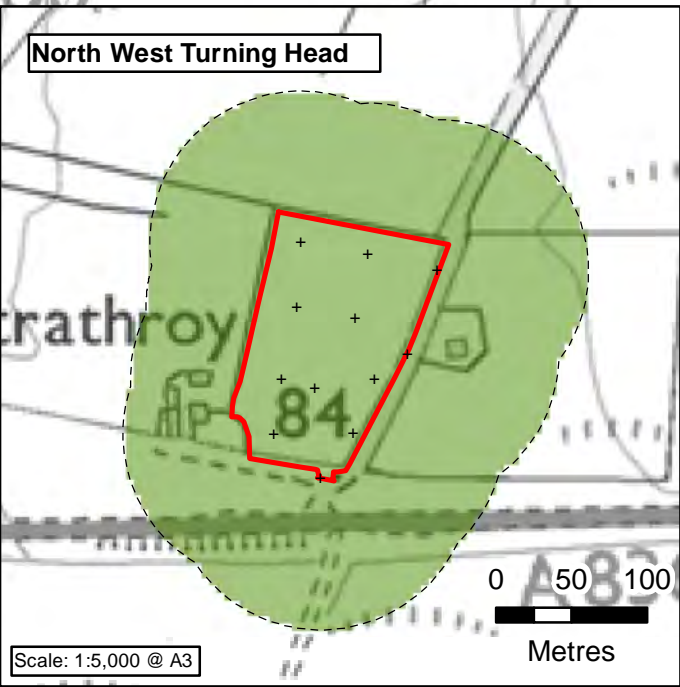
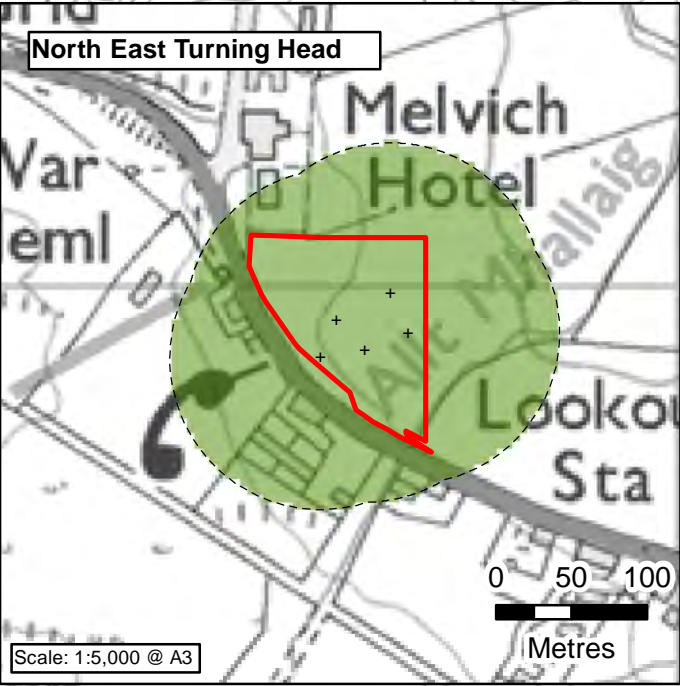
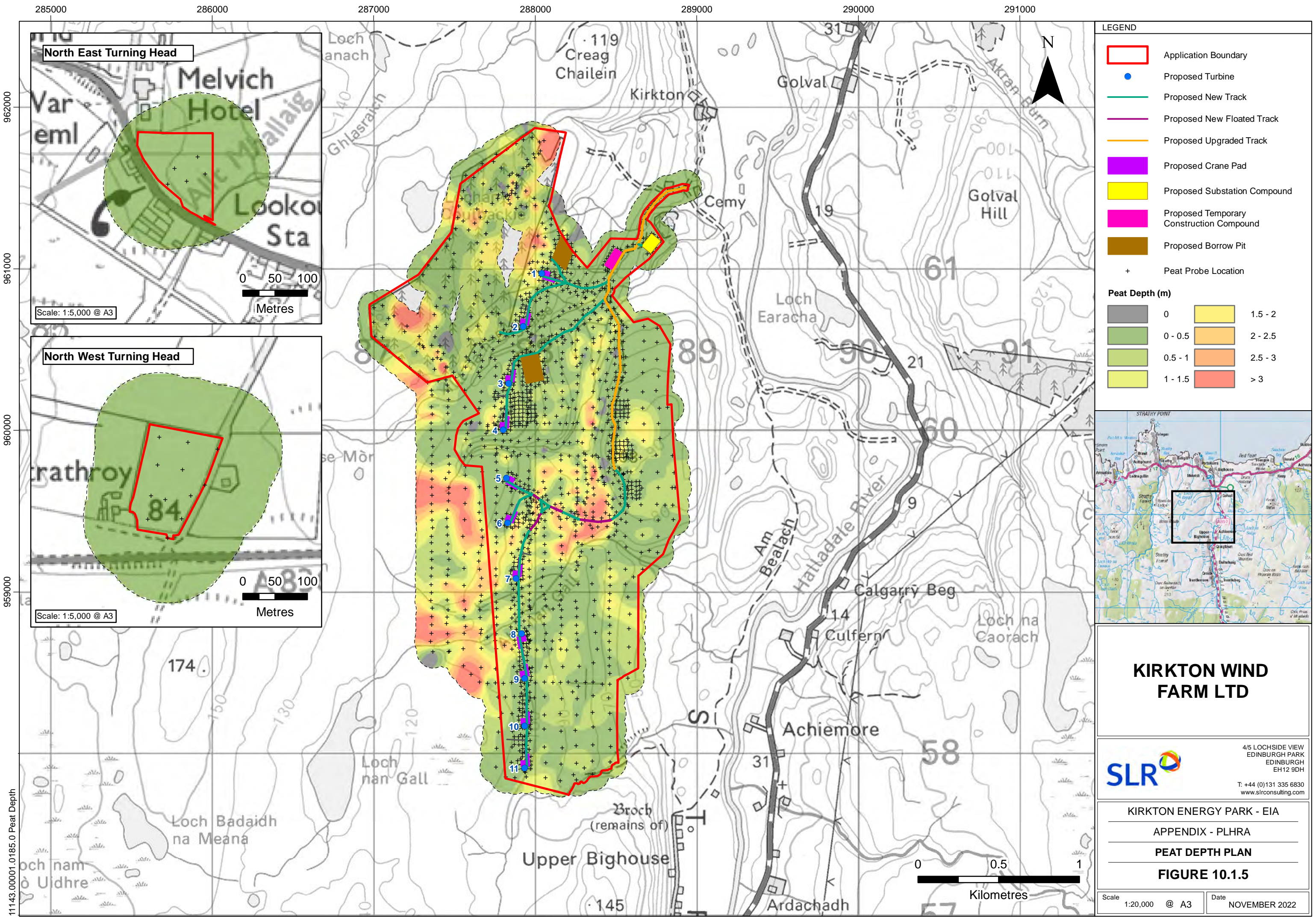
SITE BEDROCK GEOLOGY

FIGURE 10.1.4

Scale1:25,000 @ A3

DateNOVEMBER 22



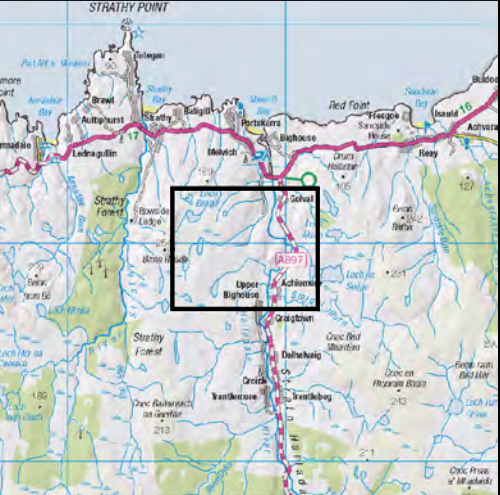


**LEGEND**

- Application Boundary
- Proposed Turbine
- Proposed New Track
- Proposed New Floated Track
- Proposed Upgraded Track
- Proposed Crane Pad
- Proposed Substation Compound
- Proposed Temporary Construction Compound
- Proposed Borrow Pit
- Peat Probe Location

**Peat Depth (m)**

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



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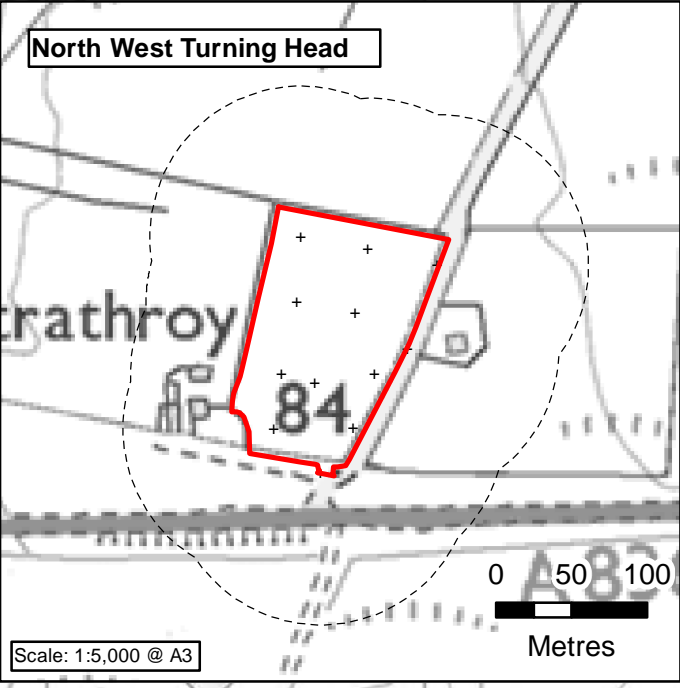
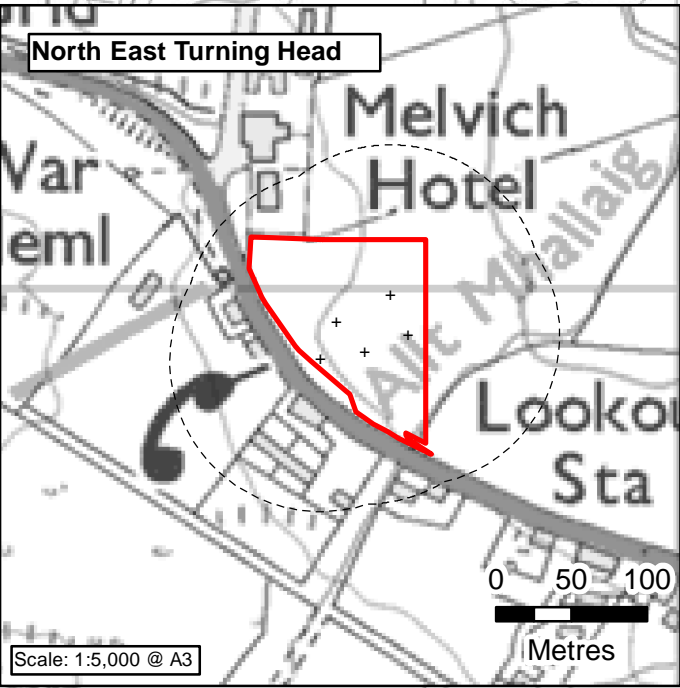
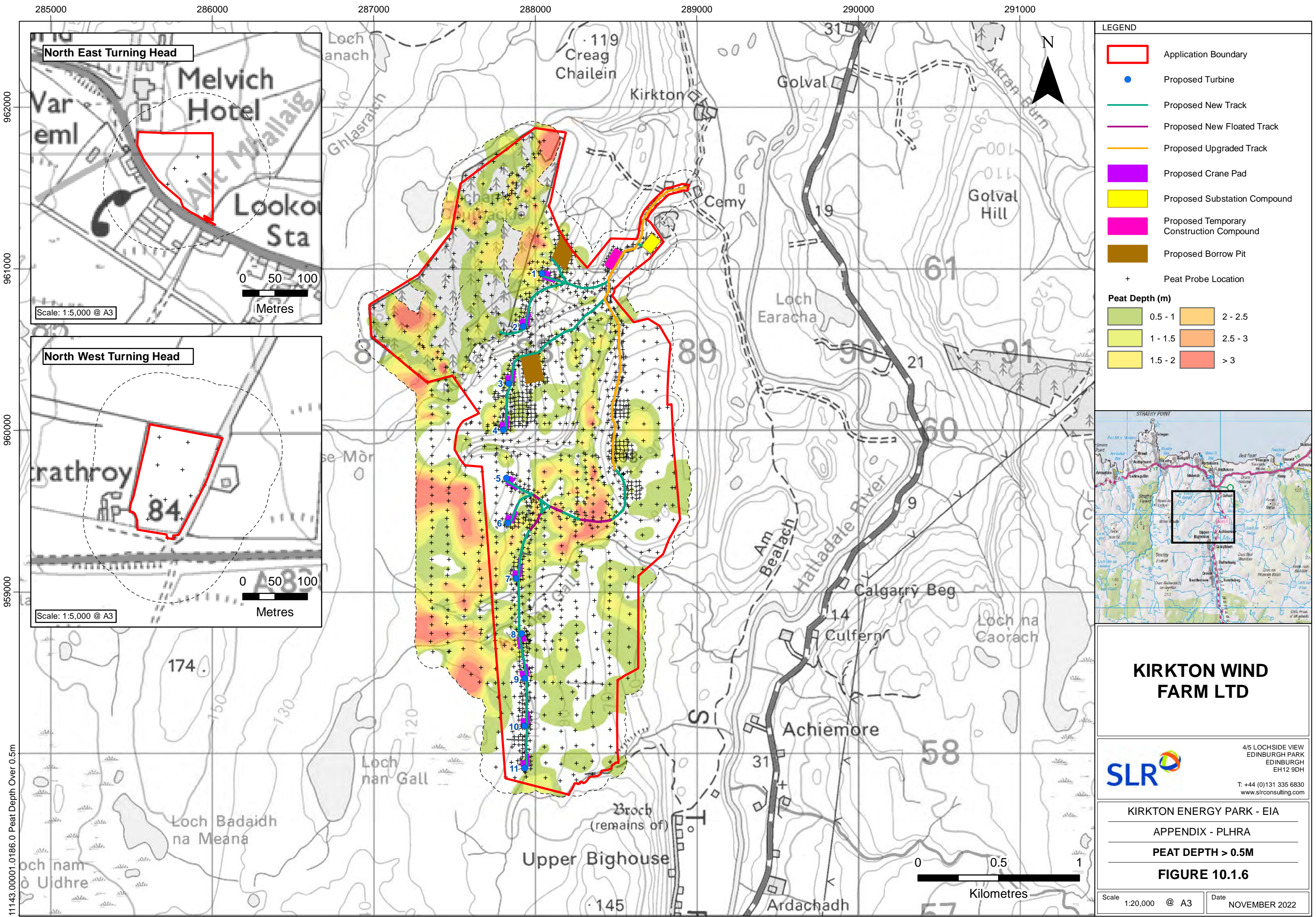
**APPENDIX - PLHRA**

**PEAT DEPTH PLAN**

**FIGURE 10.1.5**

Scale 1:20,000 @ A3 Date NOVEMBER 2022



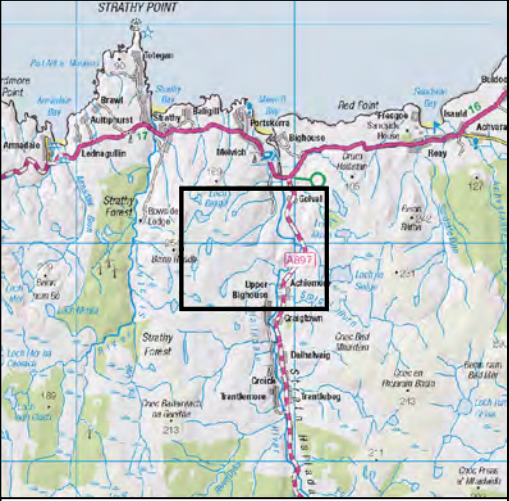


**LEGEND**

- Application Boundary
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- Proposed Substation Compound
- Proposed Temporary Construction Compound
- Proposed Borrow Pit
- Peat Probe Location

**Peat Depth (m)**

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



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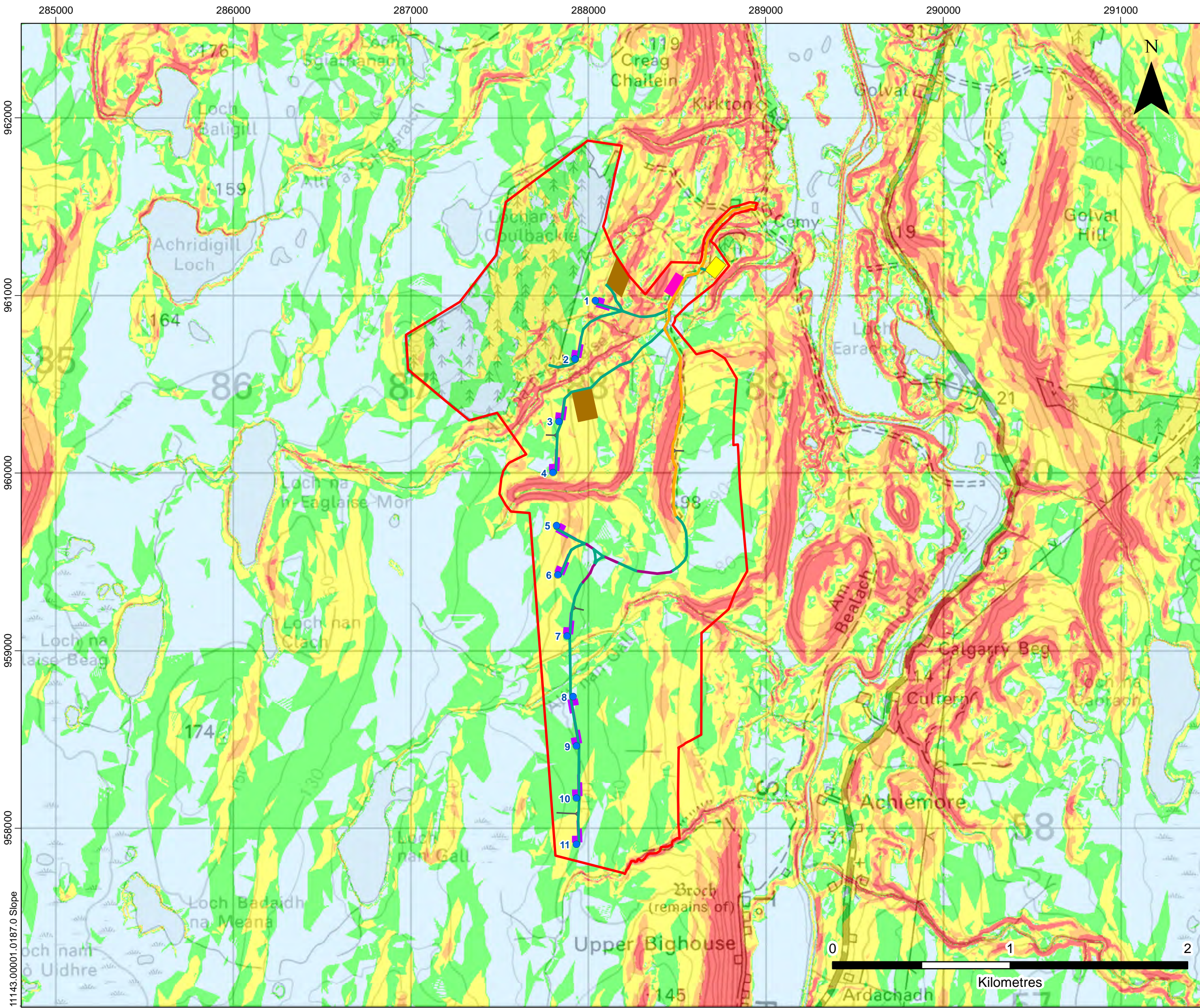
**APPENDIX - PLHRA**

**PEAT DEPTH > 0.5M**

**FIGURE 10.1.6**

Scale 1:20,000 @ A3 Date NOVEMBER 2022



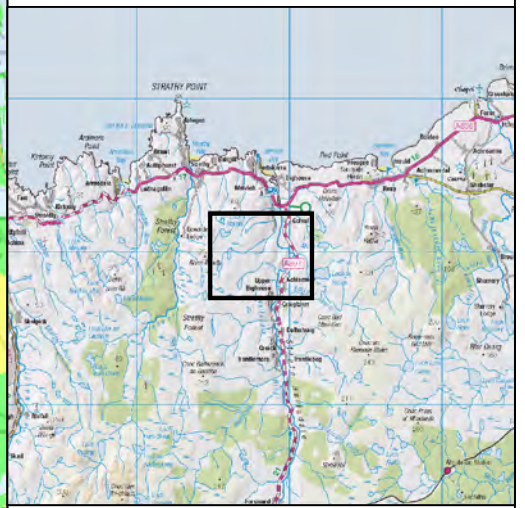


**LEGEND**

- Application Boundary
- Proposed Turbine
- Proposed New Track
- Proposed New Floated Track
- Proposed Upgraded Track
- Proposed Crane Pad
- Proposed Substation Compound
- Proposed Temporary Construction Compound
- Proposed Borrow Pit

**Slope (Degrees)**

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



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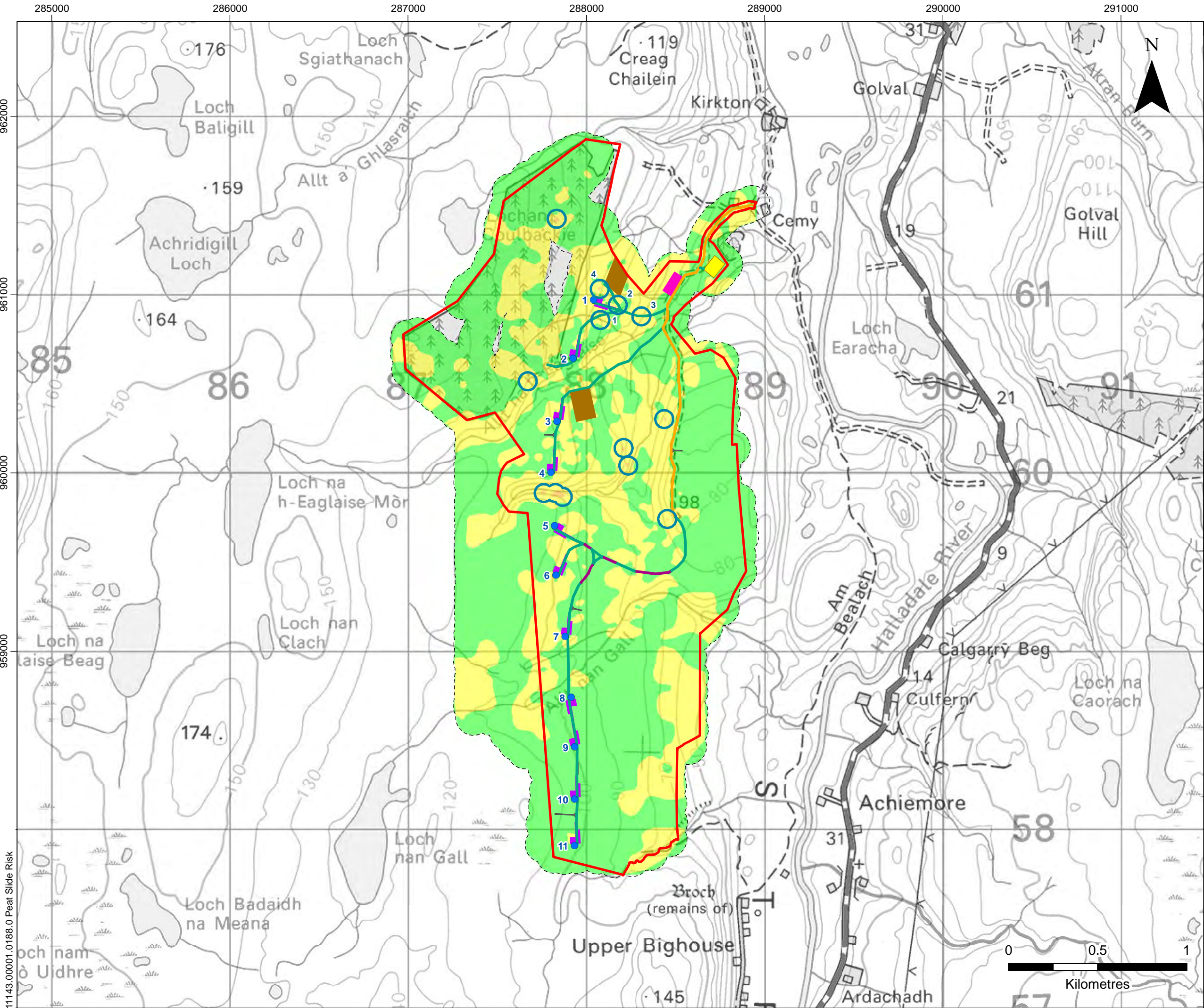
SITE SLOPE

**FIGURE 10.1.7**

Scale 1:20,000 @ A3

Date NOVEMBER 2022



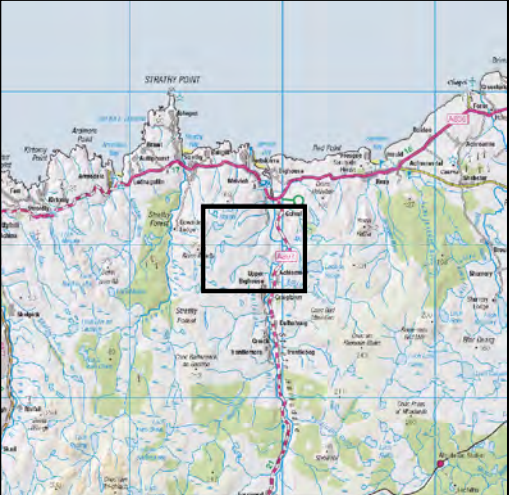


**LEGEND**

- Application Boundary
- Proposed Turbine
- Proposed New Track
- Proposed New Floated Track
- Proposed Upgraded Track
- Proposed Crane Pad
- Proposed Substation Compound
- Proposed Temporary Construction Compound
- Proposed Borrow Pit
- Peat Slide Risk

**Peat Slide Risk**

- High
- Medium
- Low
- Negligible



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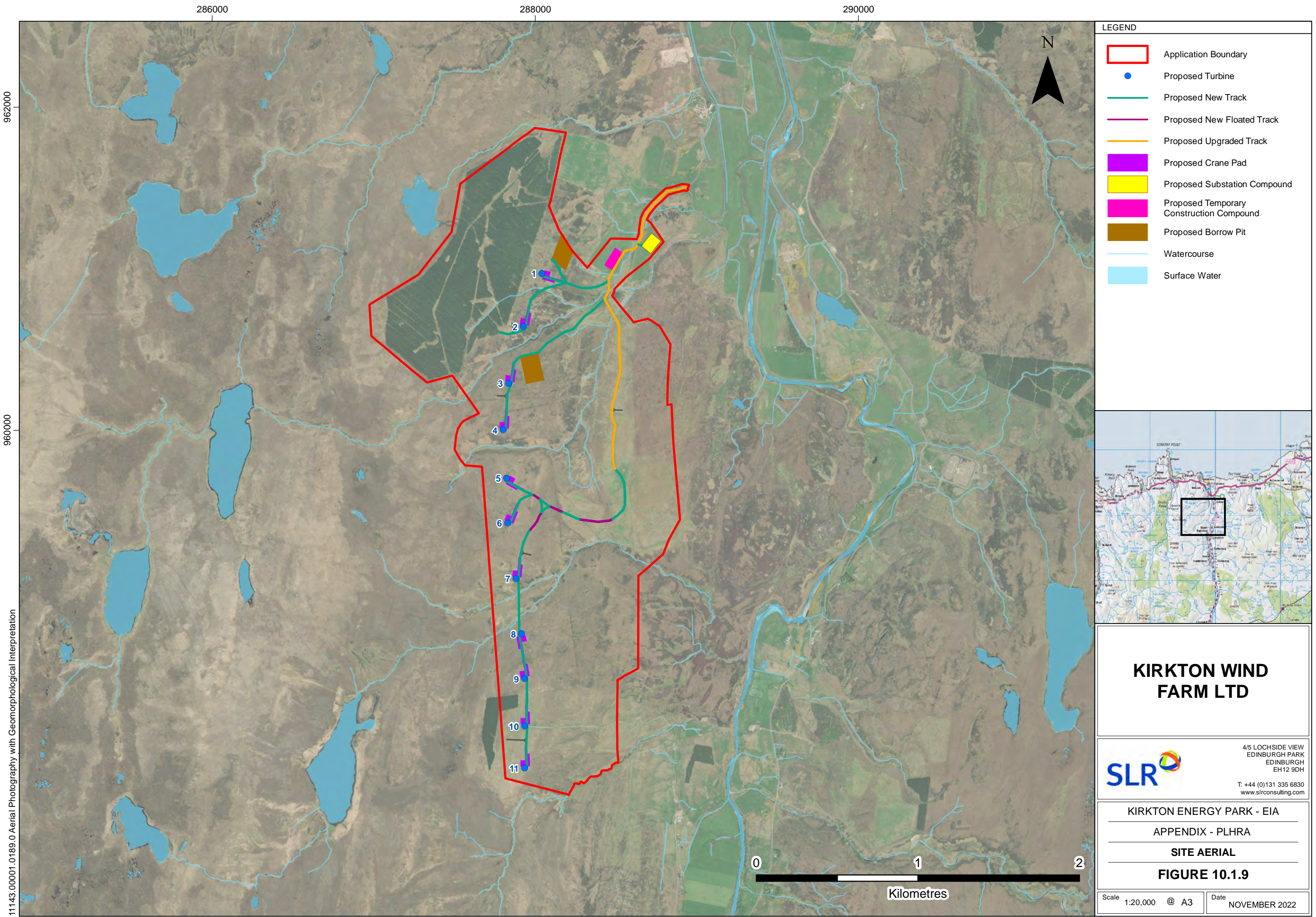
**APPENDIX - PLHRA**

**PEAT SLIDE RISK**

**FIGURE 10.1.8**

Scale 1:20,000 @ A3 Date NOVEMBER 2022





962000

960000

11143.00001.0189.0 Aerial Photography with Geomorphological Interpretation



## APPENDIX 01:

### Peat Slide Risk Data

ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
2	Point	285265.67	965223.82	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
3	Point	285279.69	965259.91	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
4	Point	285321.25	965331.42	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
5	Point	285301.56	965275.92	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
6	Point	285266.76	965299.46	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
7	Point	285240.15	965253.40	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
8	Point	285275.32	965342.30	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
9	Point	285230.90	965350.33	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
10	Point	285228.16	965307.05	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
11	Point	285218.00	965259.48	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
12	Point	285213.14	965223.47	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
13	Point	287763.80	964953.47	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
14	Point	287792.97	964958.37	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
15	Point	287821.64	964970.25	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
16	Point	287809.94	964995.92	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
17	Point	287774.11	964978.52	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
18	Point	287980.65	961813.36	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
19	Point	287470.28	961185.26	0.30	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
20	Point	287508.26	961249.49	0.20	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
21	Point	287521.03	961316.86	2.50	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
22	Point	287554.41	961293.86	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
23	Point	287587.51	961239.56	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
24	Point	287625.32	961282.16	2.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
25	Point	287660.56	961320.49	2.10	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
26	Point	287639.29	961368.38	1.90	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
27	Point	287597.43	961401.85	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
28	Point	287547.62	961434.05	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
29	Point	287525.82	961388.34	2.30	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
30	Point	287555.97	961482.50	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
31	Point	287571.85	961579.50	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
32	Point	287620.09	961565.43	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
33	Point	287677.92	961527.17	1.30	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
34	Point	287725.21	961491.19	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
35	Point	287772.34	961454.91	1.00	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
36	Point	287838.25	961453.03	2.90	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
37	Point	287840.67	961579.89	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
38	Point	287790.36	961622.97	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
39	Point	287742.28	961662.26	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
40	Point	287671.92	961649.75	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
41	Point	287760.00	961707.02	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
42	Point	287824.91	961740.01	1.20	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
43	Point	287881.93	961774.63	1.20	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
44	Point	287927.50	961798.15	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
45	Point	288022.07	961710.49	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
46	Point	287960.00	961644.02	0.20	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
47	Point	287898.16	961574.94	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
48	Point	287942.53	961478.65	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
49	Point	287992.46	961434.52	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
50	Point	288051.77	961416.74	0.20	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
51	Point	288081.48	961388.15	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
52	Point	288100.28	961309.85	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
53	Point	288098.58	961271.85	0.20	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
54	Point	288066.49	961247.22	1.20	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
55	Point	288062.44	961195.27	1.30	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
56	Point	288168.11	961172.64	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
57	Point	287640.89	961161.62	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
58	Point	287694.81	961215.96	0.00	PEAT	GRANULAR	No Peat	0	4	1	0	None	None
59	Point	287695.10	961216.84	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
60	Point	287703.32	961286.47	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
61	Point	287695.27	961353.16	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
62	Point	287733.93	961402.87	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
63	Point	287768.18	961435.42	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
64	Point	287798.95	961468.51	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
65	Point	287816.52	961447.77	0.40	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
66	Point	287829.18	961457.49	0.00	SOIL	GRANULAR	No Peat	0	4	1	0	None	None
67	Point	287854.83	961466.61	2.00	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
68	Point	287875.32	961463.89	0.00	ROCK	ROCK	No Peat	0	8	2	0	None	None
69	Point	287880.99	961500.16	0.00	ROCK	ROCK	No Peat	0	8	2	0	None	None
70	Point	287884.58	961518.34	0.00	ROCK	ROCK	No Peat	0	4	2	0	None	None
71	Point	287883.68	961530.18	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
72	Point	287862.18	961531.52	2.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
73	Point	287856.71	961590.42	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
74	Point	287831.84	961509.33	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
75	Point	287856.21	961483.73	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
76	Point	287893.23	961441.73	1.00	PEAT	ROCK	Thin Peat	2	2	2	8	Low	Low
77	Point	287913.82	961391.21	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
78	Point	287881.06	961372.35	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
79	Point	287913.19	961333.46	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
80	Point	287843.10	961402.05	2.00	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
81	Point	287886.82	961581.17	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
82	Point	287925.59	961621.68	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
83	Point	287950.45	961676.02	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
84	Point	287989.16	961708.76	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
85	Point	288032.12	961730.57	2.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
86	Point	288027.56	961783.90	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
87	Point	288054.70	961792.11	3.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
88	Point	287996.79	961686.26	1.90	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
89	Point	287947.85	961631.94	1.90	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
90	Point	287832.93	961426.52	1.70	PEAT	GRANULAR	Thick Peat	3	6	1	18	Medium	Medium
91	Point	287946.01	961382.73	0.10	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
92	Point	288000.67	961389.05	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
93	Point	288069.20	961350.36	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
94	Point	288043.85	961282.89	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
95	Point	288016.49	961202.40	3.00	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
96	Point	288175.84	961178.06	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
97	Point	288120.18	961177.80	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
98	Point	288653.18	961186.30	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
99	Point	288658.98	961233.98	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
100	Point	288198.70	961181.21	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
101	Point	288197.48	961207.97	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
102	Point	288172.52	961206.01	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
103	Point	288171.37	961233.64	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
104	Point	288149.10	961206.79	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
105	Point	288144.64	961227.85	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1													

ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
108	Point	288660.16	961275.58	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
109	Point	288673.88	961307.06	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
110	Point	288686.39	961336.52	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
111	Point	288704.15	961367.18	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
112	Point	288723.52	961390.59	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
113	Point	288742.08	961417.22	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
114	Point	288768.72	961434.98	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
115	Point	288792.93	961455.96	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
116	Point	288819.56	961478.56	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
117	Point	288853.46	961484.21	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
118	Point	288891.39	961495.51	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
119	Point	288928.52	961512.46	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
120	Point	288720.43	961218.40	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
121	Point	288734.56	961210.25	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
122	Point	288757.04	961191.52	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
123	Point	288777.07	961171.82	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
124	Point	288705.66	961198.90	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
125	Point	288690.23	961178.78	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
126	Point	288668.77	961161.03	0.25	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
127	Point	288673.77	960550.87	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
128	Point	288753.50	960544.54	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
129	Point	288754.94	960631.39	0.20	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
130	Point	288671.67	960642.66	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
131	Point	288567.50	960637.68	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
132	Point	288544.92	960549.40	0.30	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
133	Point	287657.53	960536.28	0.50	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
134	Point	288440.09	960826.95	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
135	Point	288456.16	960749.16	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
136	Point	288476.26	960701.28	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
137	Point	288464.76	960658.71	0.30	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
138	Point	288464.90	960609.34	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
139	Point	288466.61	960549.46	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
140	Point	287773.00	960550.03	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
141	Point	287818.73	960582.53	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
142	Point	287782.67	960594.50	1.20	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
143	Point	287737.06	960573.82	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
144	Point	287687.91	960562.98	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
145	Point	287627.93	960528.01	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
146	Point	287409.59	960524.23	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
147	Point	287359.73	960525.58	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
148	Point	287303.56	960522.42	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
149	Point	287379.39	960578.95	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
150	Point	287387.70	960637.59	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
151	Point	287374.93	960717.33	2.40	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
152	Point	287389.13	960765.48	0.20	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
153	Point	287412.16	960819.22	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
154	Point	287438.90	960888.13	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
155	Point	287466.23	960950.68	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
156	Point	287489.48	961008.19	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
157	Point	287496.50	961093.34	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
158	Point	287453.28	961138.50	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
159	Point	287306.19	960961.52	0.30	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
160	Point	287335.79	961021.90	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
161	Point	287389.07	961059.79	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
162	Point	288053.99	961143.56	3.10	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
163	Point	288044.57	961088.35	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
164	Point	288049.93	961042.45	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
165	Point	288060.42	960990.23	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
166	Point	288060.18	960950.17	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
167	Point	288050.82	960890.61	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
168	Point	288040.93	960857.60	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
169	Point	288029.55	960815.97	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
170	Point	288071.61	960829.00	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
171	Point	288074.42	960790.26	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
172	Point	288043.03	960737.43	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
173	Point	288015.88	960716.35	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
174	Point	287981.92	960688.95	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
175	Point	287953.79	960610.92	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
176	Point	287979.34	960594.82	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
177	Point	288028.36	960639.53	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
178	Point	288056.65	960646.28	0.30	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
179	Point	288096.38	960670.75	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
180	Point	288146.33	960705.93	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
181	Point	288173.18	960738.08	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
182	Point	288215.50	960759.84	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
183	Point	288243.42	960772.82	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
184	Point	288287.56	960785.02	0.80	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
185	Point	288311.58	960822.04	0.40	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
186	Point	288374.25	960773.39	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
187	Point	288348.37	960734.54	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
188	Point	288297.84	960743.65	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
189	Point	288263.82	960681.66	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
190	Point	288262.03	960631.30	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
191	Point	288260.60	960556.63	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
192	Point	288230.57	960541.39	0.30	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
193	Point	288360.67	960568.05	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
194	Point	288389.14	960679.23	0.70	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
195	Point	288415.10	960881.46	0.30	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
196	Point	288385.79	960919.00	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
197	Point	288316.53	960970.48	0.40	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
198	Point	288271.59	961013.52	0.50	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
199	Point	288226.95	961081.77	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
200	Point	288152.13	961107.87	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
201	Point	288133.96	961054.97	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
202	Point	288168.91	961019.23	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
203	Point	288221.80	960971.91	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
204	Point	288265.77	960923.86	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
205	Point	288325.75	960882.11	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
206	Point	288418.38	960781.47	0.00	SOIL	GRANULAR	No Peat	0	1	1	0	None	None
207	Point	288366.23	960729.95	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
208	Point	288407.87	960690.62	1.50	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
209	Point	288359.00	960636.18	1.00	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
210	Point	288405.37	960584.22	1.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
211	Point	28											



ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
214	Point	287855.57	960643.65	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
215	Point	287805.03	960620.24	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
216	Point	287788.22	960663.60	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
217	Point	287772.17	960720.37	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
218	Point	287732.73	960730.10	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
219	Point	287702.89	960702.72	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
220	Point	287644.91	960645.04	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
221	Point	287587.78	960566.88	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
222	Point	287579.48	960621.86	0.80	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
223	Point	287603.95	960703.39	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
224	Point	287619.61	960782.85	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
225	Point	287630.04	960832.17	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
226	Point	287683.23	960797.72	0.40	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
227	Point	287730.87	960836.29	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
228	Point	287712.27	960907.58	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
229	Point	287696.61	960956.09	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
230	Point	287647.22	960929.04	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Medium
231	Point	287658.40	960995.30	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
232	Point	287666.46	961041.70	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
233	Point	287669.34	961103.17	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
234	Point	287701.94	961155.82	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
235	Point	287993.30	961135.70	2.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
236	Point	287963.93	961034.29	2.30	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
237	Point	287962.60	960969.47	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
238	Point	287933.68	960924.07	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
239	Point	287954.65	960902.02	1.30	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
240	Point	287964.69	960849.84	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
241	Point	287959.28	960795.92	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
242	Point	287960.80	960742.87	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
243	Point	287962.38	960685.91	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
244	Point	287962.48	960640.53	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
245	Point	287970.64	960593.41	0.20	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
246	Point	287965.26	960576.74	0.00	ROCK	ROCK	No Peat	0	8	2	0	None	None
247	Point	287977.15	960545.77	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
248	Point	288040.06	960585.44	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
249	Point	287970.82	960539.50	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
250	Point	288056.50	960545.02	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
251	Point	288102.77	960586.54	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
252	Point	288162.57	960626.63	0.30	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
253	Point	288165.10	960573.60	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
254	Point	288171.48	960539.05	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
255	Point	288363.06	960801.69	0.90	PEAT	ROCK	Thin Peat	2	1	2	4	Negligible	Negligible
256	Point	288309.00	960819.24	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
257	Point	288262.18	960834.63	0.40	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
258	Point	288216.72	960850.71	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
259	Point	288170.05	960866.27	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
260	Point	288129.47	960890.83	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
261	Point	288128.55	960943.16	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
262	Point	288117.39	960979.02	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
263	Point	288155.03	960961.71	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
264	Point	288185.05	960940.45	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
265	Point	288215.62	960925.00	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
266	Point	288244.64	960909.03	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
267	Point	288281.72	960884.71	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
268	Point	288323.89	960860.85	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
269	Point	288369.00	960843.30	0.20	PEAT	ROCK	Peaty Soil	1	4	2	8	Low	Low
270	Point	288494.35	960610.63	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
271	Point	288491.60	960647.10	1.90	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
272	Point	288514.01	960656.30	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
273	Point	288468.93	960690.08	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
274	Point	288442.54	960738.93	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
275	Point	288412.50	960761.69	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
276	Point	288373.67	960721.95	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
277	Point	288338.97	960687.11	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
278	Point	288303.63	960657.30	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
279	Point	288269.46	960620.77	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
280	Point	288184.22	960561.19	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
281	Point	288134.94	960549.97	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
282	Point	288091.97	960532.08	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
283	Point	287056.97	960524.64	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
284	Point	287054.23	960573.88	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
285	Point	287077.13	960656.89	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
286	Point	287091.67	960692.87	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
287	Point	287192.63	960609.92	1.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
288	Point	287281.76	960534.19	1.90	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
289	Point	287918.63	960621.90	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
290	Point	287926.16	960630.60	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
291	Point	287946.82	960632.79	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
292	Point	287943.11	960652.58	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
293	Point	287925.76	960654.00	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
294	Point	287949.07	960680.82	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
295	Point	287945.69	960705.42	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
296	Point	287956.96	960705.28	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
297	Point	288470.61	960973.75	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
298	Point	288482.89	960998.84	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
299	Point	288495.91	961019.45	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
300	Point	288509.96	961045.60	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
301	Point	288522.27	961065.11	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
302	Point	288538.38	961091.76	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
303	Point	288549.35	961105.37	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
304	Point	288509.69	961124.52	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
305	Point	288500.83	961100.07	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
306	Point	288489.94	961082.56	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
307	Point	288479.33	961064.67	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
308	Point	288468.27	961044.74	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
309	Point	288456.76	961026.13	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
310	Point	288447.24	961009.14	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
311	Point	288435.56	960991.27	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
312	Point	288170.12	960978.44	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
313	Point	288175.21	961003.54	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
314	Point	288170.38	961051.96	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Medium
315	Point	288173.42	961079.91	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
316	Point	288176.90	961106.55	0.60	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
317	Point	288174.61	961131.68	0.50	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	

ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
320	Point	288125.31	961122.88	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
321	Point	288125.49	961095.39	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
322	Point	288123.79	961073.16	1.30	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
323	Point	288127.92	961051.50	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
324	Point	288097.87	961053.48	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
325	Point	288095.37	961074.53	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
326	Point	288097.24	961099.36	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
327	Point	288123.60	961029.53	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
328	Point	288488.73	960563.56	0.40	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
329	Point	288516.01	960559.52	0.00	SOIL	GRANULAR	No Peat	0	4	1	0	None	None
330	Point	288542.79	960598.93	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
331	Point	288518.03	960611.57	0.00	SUPERFICIAL	GRANULAR	No Peat	0	6	1	0	None	None
332	Point	288498.83	960610.05	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
333	Point	288546.66	960651.06	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
334	Point	288534.37	960675.78	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
335	Point	288511.96	960717.67	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
336	Point	288487.43	960754.78	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
337	Point	288464.33	960792.37	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
338	Point	288444.04	960796.55	0.00	SOIL	GRANULAR	No Peat	0	1	1	0	None	None
339	Point	288464.40	960746.71	0.00	SOIL	GRANULAR	No Peat	0	2	1	0	None	None
340	Point	288490.66	960701.70	0.00	SOIL	GRANULAR	No Peat	0	1	1	0	None	None
341	Point	288516.38	960656.15	0.00	SOIL	GRANULAR	No Peat	0	2	1	0	None	None
342	Point	288329.09	960753.95	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
343	Point	288295.69	960714.10	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
344	Point	288246.83	960677.77	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
345	Point	288223.47	960652.98	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
346	Point	288180.11	960624.77	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
347	Point	288132.22	960595.95	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
348	Point	288086.71	960578.17	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
349	Point	288322.58	960721.23	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
350	Point	288291.13	960685.85	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
351	Point	288253.12	960645.87	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
352	Point	288221.67	960613.11	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
353	Point	288170.71	960584.06	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
354	Point	288125.53	960570.70	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
355	Point	288083.79	960554.97	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
356	Point	288040.89	960537.66	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
357	Point	287989.44	960522.08	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
358	Point	287007.61	960577.54	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
359	Point	287001.35	960669.57	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
360	Point	287002.86	960758.88	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
361	Point	287053.89	960770.51	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
362	Point	287126.69	960707.06	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
363	Point	287207.96	960646.24	3.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
364	Point	287282.31	960581.25	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
365	Point	287825.88	960599.61	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
366	Point	287846.48	960609.13	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
367	Point	287867.93	960619.16	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
368	Point	287901.16	960624.67	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
369	Point	287916.35	960648.26	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
370	Point	287894.92	960652.14	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
371	Point	287874.19	960654.94	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
372	Point	287879.05	960681.49	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
373	Point	287903.07	960676.30	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
374	Point	287920.63	960673.44	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
375	Point	287927.42	960698.46	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
376	Point	287903.91	960703.80	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
377	Point	287879.14	960716.16	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
378	Point	287912.53	960730.81	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
379	Point	287936.09	960727.25	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
380	Point	287940.53	960748.68	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
381	Point	287968.15	960704.44	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
382	Point	287964.53	960729.47	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
383	Point	287962.03	960759.67	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
384	Point	287944.61	960770.25	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
385	Point	287913.43	960756.57	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
386	Point	287923.33	960778.70	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
387	Point	287920.33	960804.56	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
388	Point	287909.91	960830.42	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
389	Point	287947.95	960810.26	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
390	Point	287941.79	960845.11	1.30	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
391	Point	287967.97	960824.23	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
392	Point	287977.35	960807.70	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
393	Point	288004.52	960798.43	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
394	Point	288014.75	960841.90	0.20	PEAT	ROCK	Peaty Soil	1	6	2	12	Low	Low
395	Point	288014.11	960872.58	0.40	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
396	Point	288023.65	960929.56	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
397	Point	288032.17	960956.50	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
398	Point	288038.92	960983.96	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
399	Point	288022.59	960980.28	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
400	Point	288045.88	961006.09	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
401	Point	288076.12	961000.70	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
402	Point	288065.73	960976.06	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
403	Point	288049.05	960922.97	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
404	Point	288074.32	960912.68	0.80	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
405	Point	288078.79	960930.31	0.90	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
406	Point	288091.49	960957.27	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
407	Point	288095.72	960977.59	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
408	Point	288123.43	960962.95	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
409	Point	288119.78	960940.50	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
410	Point	288113.90	960917.92	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
411	Point	288101.88	960898.18	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
412	Point	288078.31	960857.93	0.10	SOIL	ROCK	Peaty Soil	1	8	2	16	Medium	Medium
413	Point	288134.12	960906.85	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
414	Point	288142.68	960932.25	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
415	Point	288152.35	960948.96	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
416	Point	288176.52	960942.83	0.10	SOIL	ROCK	Peaty Soil	1	8	2	16	Medium	Medium
417	Point	288170.89	960917.75	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
418	Point	288159.78	960894.92	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
419	Point	288206.32	960900.70	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
420	Point	288201.01	960876.04	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
421	Point	288250.29	960860.19	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
422	Point	288261.17	960885.19	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
423	Point	288271.78	960907.02	0.20	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
424	Point	288308.28	960878.90										



ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
426	Point	288297.81	960853.52	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
427	Point	288351.05	960856.25	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
428	Point	288361.16	960881.83	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
429	Point	288362.30	960911.24	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
430	Point	288400.51	960864.68	0.20	PEAT	ROCK	Peaty Soil	1	2	2	4	Negligible	Negligible
431	Point	288414.76	960900.70	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
432	Point	288430.66	960875.89	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
433	Point	288446.39	960839.29	0.10	SUPERFICIAL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
434	Point	288468.07	960829.49	0.10	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
435	Point	288476.74	960876.08	0.10	SUPERFICIAL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
436	Point	288453.09	960893.37	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
437	Point	288456.26	960930.12	0.00	SOIL	GRANULAR	No Peat	0	2	1	0	None	None
438	Point	288484.05	960923.47	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
439	Point	288427.18	960937.01	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
440	Point	288449.17	960983.61	0.10	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
441	Point	288459.07	961000.82	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
442	Point	288470.12	961017.81	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
443	Point	288479.23	961035.35	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
444	Point	288493.96	961059.12	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
445	Point	288505.02	961077.54	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
446	Point	288515.96	961096.19	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
447	Point	288529.32	961119.13	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
448	Point	288573.60	961109.30	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
449	Point	288607.43	961119.93	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
450	Point	288631.91	961149.57	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
451	Point	288484.65	961136.28	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
452	Point	288474.47	961115.55	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
453	Point	288464.25	961096.50	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
454	Point	288454.43	961080.36	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
455	Point	288442.81	961062.46	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
456	Point	288431.95	961043.89	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
457	Point	288422.04	961021.67	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
458	Point	288195.51	960977.80	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
459	Point	288198.44	961005.57	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
460	Point	288197.76	961030.71	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
461	Point	288224.00	961032.98	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
462	Point	288197.43	961055.83	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
463	Point	288225.12	961056.32	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
464	Point	288199.86	961081.32	0.30	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
465	Point	288248.68	961081.20	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
466	Point	288250.61	961104.43	0.90	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
467	Point	288197.96	961106.37	0.30	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
468	Point	288223.47	961106.88	0.30	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
469	Point	288197.67	961130.71	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
470	Point	288223.34	961130.46	0.30	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
471	Point	288198.07	961155.89	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
472	Point	288222.97	961155.02	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
473	Point	288148.36	961156.03	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
474	Point	288148.64	961127.83	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
475	Point	288146.56	961105.63	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
476	Point	288147.15	961078.80	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
477	Point	288148.14	961053.04	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
478	Point	288148.38	961029.38	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
479	Point	288150.12	961006.36	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
480	Point	288074.88	961032.33	1.80	PEAT	GRANULAR	Thick Peat	3	6	1	18	Medium	Medium
481	Point	288015.07	961041.68	1.70	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
482	Point	287983.77	961043.55	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
483	Point	287999.74	960987.57	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
484	Point	287974.50	960995.76	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
485	Point	288573.00	961138.38	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
486	Point	288605.28	961151.29	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
487	Point	288734.71	961152.15	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
488	Point	288745.29	961130.53	0.15	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
489	Point	288703.76	961133.26	0.10	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
490	Point	288725.57	961107.72	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
491	Point	288714.84	961096.63	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
492	Point	288660.07	961139.91	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
493	Point	288694.33	961090.85	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
494	Point	288771.64	959949.90	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
495	Point	288670.01	959936.65	1.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
496	Point	288674.39	960040.04	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
497	Point	288763.01	960040.90	0.60	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
498	Point	288769.19	960137.41	0.30	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
499	Point	288819.82	960141.89	0.20	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
500	Point	288665.20	960137.28	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
501	Point	288664.51	960236.53	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
502	Point	288747.87	960244.31	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
503	Point	288763.47	960334.85	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
504	Point	288665.03	960355.87	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
505	Point	288670.54	960436.42	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
506	Point	288752.61	960438.95	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
507	Point	288560.12	960453.09	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
508	Point	288556.36	960356.40	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
509	Point	288567.73	960247.40	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
510	Point	288562.19	960150.47	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
511	Point	288565.33	960047.83	1.30	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
512	Point	288568.30	959944.70	1.10	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
513	Point	288475.35	959952.06	0.30	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
514	Point	287465.77	959944.95	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
515	Point	287461.32	960042.51	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
516	Point	287459.71	960104.31	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
517	Point	287459.20	960145.38	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
518	Point	287465.32	960189.11	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
519	Point	287460.65	960243.30	0.50	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
520	Point	287456.09	960280.58	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Low
521	Point	287448.48	960310.51	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
522	Point	287506.69	960324.49	1.30	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
523	Point	287552.87	960342.82	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
524	Point	287570.28	960389.43	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
525	Point	287591.68	960433.64	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
526	Point	287623.83	960483.72	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
527	Point	287670.74	960514.45	0.10	SOIL	ROCK	Peaty Soil	1	8	2	16	Medium	Medium
528	Point	287661.84	960463.93	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
529	Point	287673.97	960429.84	0.40	PEAT	GRANULAR	Peaty Soil	1	8</				

ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
532	Point	287658.48	960332.17	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
533	Point	287666.18	960238.61	0.20	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
534	Point	287660.67	960175.33	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
535	Point	287653.25	960134.97	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
536	Point	287657.86	960043.89	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
537	Point	287671.70	959947.31	0.30	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
538	Point	287686.93	959898.86	0.60	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
539	Point	288459.49	960505.81	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
540	Point	288468.72	960482.54	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
541	Point	288447.62	960437.47	0.30	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
542	Point	288443.55	960351.56	0.20	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
543	Point	288436.37	960302.36	0.10	SOIL	ROCK	Peaty Soil	1	8	2	16	Medium	Medium
544	Point	288492.49	960408.20	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
545	Point	288447.34	960251.71	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
546	Point	288452.88	960206.56	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
547	Point	288453.99	960149.60	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
548	Point	288450.96	960100.15	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
549	Point	288446.64	960047.72	0.30	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
550	Point	288412.18	959996.20	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
551	Point	288370.14	959948.45	0.20	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
552	Point	288262.37	959929.40	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
553	Point	288291.87	959923.02	1.90	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
554	Point	288212.60	959923.01	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
555	Point	288178.37	959924.69	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
556	Point	288133.03	959913.75	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
557	Point	288077.57	959930.94	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
558	Point	288018.37	959942.49	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
559	Point	287964.31	959949.02	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
560	Point	287897.12	959929.39	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
561	Point	287849.63	959935.67	0.30	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
562	Point	287803.16	959932.64	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
563	Point	287752.47	959940.37	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
564	Point	287706.48	959995.50	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
565	Point	287744.48	960042.63	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
566	Point	287749.91	960087.35	1.90	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
567	Point	287749.53	960145.55	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
568	Point	287754.74	960189.45	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
569	Point	287753.58	960239.70	0.10	SOIL	ROCK	Peaty Soil	1	4	2	8	Low	Low
570	Point	287754.97	960335.53	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
571	Point	287755.60	960393.35	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
572	Point	287750.02	960437.26	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
573	Point	287726.05	960449.29	0.00	SOIL	GRANULAR	No Peat	0	6	1	0	None	None
574	Point	287739.44	960499.11	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
575	Point	287572.21	960453.28	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
576	Point	287494.58	960359.04	0.50	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
577	Point	287453.62	960392.60	1.50	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
578	Point	287415.12	960438.20	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
579	Point	287432.95	960475.71	0.50	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
580	Point	287266.53	960486.15	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
581	Point	288251.09	960496.46	1.30	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
582	Point	288253.26	960448.27	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
583	Point	288259.48	960395.12	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
584	Point	288263.19	960338.59	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
585	Point	288277.58	960414.25	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
586	Point	288290.33	960460.82	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
587	Point	288316.03	960503.35	0.30	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
588	Point	287366.39	959899.86	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
589	Point	287356.78	959946.20	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
590	Point	287357.01	959999.72	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
591	Point	287356.92	960044.90	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
592	Point	287362.29	960099.71	2.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
593	Point	287357.98	960144.91	0.30	PEAT	ROCK	Peaty Soil	1	2	2	4	Negligible	Negligible
594	Point	287360.99	960216.91	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
595	Point	287357.88	960247.32	0.80	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
596	Point	287562.25	960247.52	0.20	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
597	Point	287564.11	960140.93	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
598	Point	287573.78	960038.18	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
599	Point	287604.46	960053.21	0.10	SOIL	ROCK	Peaty Soil	1	6	2	12	Low	Low
600	Point	287599.59	960045.25	0.00	ROCK	ROCK	No Peat	0	6	2	0	None	None
601	Point	287581.23	959980.22	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
602	Point	287571.49	959943.45	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
603	Point	287597.74	959907.55	0.40	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
604	Point	287760.87	959887.49	1.00	PEAT	GRANULAR	Thin Peat	2	8	1	16	Medium	Medium
605	Point	287793.66	959898.00	0.20	PEAT	ROCK	Peaty Soil	1	6	2	12	Low	Low
606	Point	287826.17	959887.75	0.10	PEAT	ROCK	Peaty Soil	1	8	2	16	Medium	Medium
607	Point	288394.33	960484.78	0.90	PEAT	ROCK	Thin Peat	2	2	2	8	Low	Low
608	Point	288352.93	960430.26	0.80	PEAT	ROCK	Thin Peat	2	2	2	8	Low	Low
609	Point	288391.56	960379.47	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
610	Point	288360.68	960347.11	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
611	Point	288400.48	960308.30	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
612	Point	288357.95	960240.35	1.20	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
613	Point	288398.07	960192.12	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
614	Point	288359.25	960140.53	2.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
615	Point	288383.96	960107.24	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
616	Point	288356.66	960038.08	3.30	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
617	Point	288369.74	960013.84	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
618	Point	288353.96	959970.66	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
619	Point	288297.10	960005.89	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
620	Point	288261.16	960046.91	0.40	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
621	Point	288234.87	960041.74	0.60	PEAT	GRANULAR	Thin Peat	2	8	1	16	Medium	Medium
622	Point	288193.01	960041.16	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
623	Point	288153.63	960042.15	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
624	Point	288132.40	960086.58	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
625	Point	288087.47	960045.57	0.70	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
626	Point	288059.10	960040.77	1.60	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
627	Point	288009.12	960040.72	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
628	Point	287953.82	960043.47	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
629	Point	287907.13	960041.34	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
630	Point	287856.90	960043.49	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
631	Point	287802.66	960046.19	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
632	Point	287759.03	960034.37	1.00	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
633	Point	287707.35	960032.11	1.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
634	Point	287704.87	960023.14	1.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
635	Point	287697.12	959980.95	0.50	PEAT	GRANULAR	Peaty Soil	1	6	1	6		



ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
638	Point	287861.73	960201.23	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
639	Point	287859.48	960249.90	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
640	Point	287861.92	960301.04	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
641	Point	287864.57	960346.95	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
642	Point	287866.08	960405.66	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
643	Point	287867.24	960444.34	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
644	Point	287863.11	960487.24	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
645	Point	287970.25	960485.12	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
646	Point	287963.59	960432.84	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
647	Point	287968.89	960383.80	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
648	Point	287966.18	960340.07	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
649	Point	287969.81	960291.99	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
650	Point	287965.62	960238.08	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
651	Point	287962.95	960186.50	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
652	Point	287960.59	960141.95	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
653	Point	287957.16	960101.75	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
654	Point	288009.41	960089.06	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
655	Point	288061.48	960092.97	0.70	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Low
656	Point	288062.35	960135.95	0.10	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
657	Point	288063.49	960193.42	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
658	Point	288057.51	960240.87	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
659	Point	288061.13	960294.16	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
660	Point	288058.77	960344.23	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
661	Point	288060.69	960399.62	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
662	Point	288058.15	960444.13	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
663	Point	288058.96	960491.84	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
664	Point	288169.48	960482.48	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
665	Point	288164.56	960440.30	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
666	Point	288165.57	960390.62	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
667	Point	288166.42	960349.95	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
668	Point	288170.51	960299.72	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
669	Point	288166.60	960239.79	1.20	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
670	Point	288171.09	960188.93	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
671	Point	288165.52	960146.26	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
672	Point	288208.71	960140.10	0.60	PEAT	GRANULAR	Thin Peat	2	8	1	16	Medium	Medium
673	Point	288248.67	960133.41	0.40	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
674	Point	288233.60	960187.44	0.40	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
675	Point	288260.65	960234.39	0.40	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
676	Point	288261.16	960288.07	0.90	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
677	Point	288499.78	959881.51	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
678	Point	288525.78	959880.22	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
679	Point	288042.36	960512.52	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
680	Point	288047.53	960425.10	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
681	Point	288128.12	960423.35	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
682	Point	288050.04	960377.31	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
683	Point	288052.24	960352.37	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
684	Point	288050.22	960325.87	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
685	Point	288074.81	960326.10	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
686	Point	288076.66	960302.46	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
687	Point	288050.69	960301.35	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
688	Point	288000.64	960270.29	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
689	Point	287997.58	960305.84	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
690	Point	287997.28	960329.25	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
691	Point	287996.30	960356.20	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
692	Point	287995.63	960383.70	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
693	Point	287994.62	960406.01	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
694	Point	287996.13	960431.77	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Low
695	Point	287995.86	960456.11	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
696	Point	287995.35	960482.49	0.60	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
697	Point	287944.04	960478.20	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
698	Point	287945.43	960455.51	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
699	Point	287948.58	960426.45	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
700	Point	287947.49	960401.97	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
701	Point	287952.63	960374.72	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
702	Point	287951.39	960348.57	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
703	Point	287950.65	960322.60	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
704	Point	287946.30	960296.17	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
705	Point	287948.51	960271.60	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
706	Point	287947.72	960250.83	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
707	Point	287949.24	960229.24	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
708	Point	287950.10	960201.74	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
709	Point	287948.54	960174.30	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
710	Point	287946.97	960153.74	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
711	Point	287951.56	960127.24	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
712	Point	287952.15	960103.83	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
713	Point	287952.38	960077.83	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
714	Point	287948.95	960053.05	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
715	Point	287945.99	960027.69	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
716	Point	287898.28	960027.58	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
717	Point	287897.50	960054.52	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
718	Point	287900.66	960080.05	0.40	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
719	Point	287897.99	960105.57	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
720	Point	287900.07	960130.57	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
721	Point	287897.60	960156.27	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
722	Point	287896.21	960182.49	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
723	Point	287899.00	960208.59	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
724	Point	287894.70	960231.37	0.70	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
725	Point	287845.82	960220.88	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
726	Point	287846.66	960199.32	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
727	Point	287848.44	960173.28	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
728	Point	287849.87	960145.38	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
729	Point	287850.15	960117.90	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
730	Point	287851.07	960099.12	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
731	Point	287852.73	960075.49	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
732	Point	287849.24	960048.66	0.70	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
733	Point	287849.14	960025.09	0.70	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
734	Point	287847.88	960001.36	0.70	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
735	Point	287825.11	959979.91	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
736	Point	287823.37	960003.92	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
737	Point	287825.20	960023.73	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
738	Point	287833.76	960054.49	0.60	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
739	Point	287819.48	960057.87	0.50	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
740	Point	287821.38	960079.91	0.70	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
741	Point	287821.29	960104.05	0.20	PEAT	GRANULAR	Peaty Soil	1	6				

ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
744	Point	287820.77	960150.12	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
745	Point	287857.36	960250.45	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
746	Point	287849.19	960280.58	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
747	Point	287868.19	960279.29	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
748	Point	287870.40	960298.72	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
749	Point	287850.45	960307.65	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
750	Point	287873.31	960329.09	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
751	Point	287872.99	960348.22	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
752	Point	287871.15	960379.10	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
753	Point	287870.93	960398.60	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
754	Point	287894.32	960404.61	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
755	Point	287309.42	960512.97	2.40	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
756	Point	287392.95	960448.36	2.20	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
757	Point	287445.45	960392.45	5.20	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
758	Point	288451.31	959921.31	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
759	Point	288460.40	959968.73	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
760	Point	288478.59	959973.93	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
761	Point	288508.48	959968.73	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
762	Point	288516.67	960016.49	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
763	Point	288495.31	960026.51	0.00	SUPERFICIAL	GRANULAR	No Peat	0	6	1	0	None	None
764	Point	288475.86	960017.40	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
765	Point	288455.91	960063.19	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
766	Point	288478.58	960065.91	0.00	SUPERFICIAL	GRANULAR	No Peat	0	6	1	0	None	None
767	Point	288515.31	960054.57	0.10	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
768	Point	288497.63	960081.78	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
769	Point	288525.73	960083.59	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
770	Point	288548.78	960083.67	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
771	Point	288573.64	960079.75	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
772	Point	288574.94	960106.92	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
773	Point	288548.62	960106.07	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
774	Point	288524.33	960104.57	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
775	Point	288499.44	960104.63	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
776	Point	288498.19	960133.04	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
777	Point	288525.41	960129.85	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
778	Point	288550.19	960130.61	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
779	Point	288575.35	960130.39	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
780	Point	288578.00	960156.14	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
781	Point	288574.70	960183.61	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
782	Point	288547.77	960181.94	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
783	Point	288547.27	960151.77	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
784	Point	288524.47	960155.44	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
785	Point	288524.34	960181.50	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
786	Point	288501.41	960182.73	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
787	Point	288495.55	960156.79	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
788	Point	288472.24	960155.68	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
789	Point	288479.49	960178.80	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
790	Point	288491.28	960210.99	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
791	Point	288513.49	960208.27	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
792	Point	288525.73	960254.51	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
793	Point	288503.07	960263.13	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
794	Point	288479.49	960259.95	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
795	Point	288493.09	960308.47	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
796	Point	288517.12	960310.28	0.00	SOIL	GRANULAR	No Peat	0	4	1	0	None	None
797	Point	288537.07	960306.65	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
798	Point	288521.20	960330.68	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
799	Point	288499.89	960331.59	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
800	Point	288543.87	960328.41	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
801	Point	288523.71	960358.12	0.00	SOIL	GRANULAR	No Peat	0	6	1	0	None	None
802	Point	288500.13	960359.03	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
803	Point	288511.92	960285.13	0.00	SOIL	GRANULAR	No Peat	0	4	1	0	None	None
804	Point	288475.90	960133.03	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
805	Point	288474.54	960106.28	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
806	Point	288474.09	960084.97	0.00	SOIL	GRANULAR	No Peat	0	4	1	0	None	None
807	Point	288474.50	959933.09	0.50	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
808	Point	288498.95	959928.38	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
809	Point	288523.34	959928.89	1.50	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
810	Point	288549.11	959929.39	1.30	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
811	Point	288575.14	959927.96	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
812	Point	288597.26	959905.10	0.10	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
813	Point	288571.94	959908.09	0.50	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
814	Point	288547.93	959904.67	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
815	Point	288522.34	959905.36	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
816	Point	288496.82	959904.90	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
817	Point	288478.18	959904.14	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
818	Point	288555.87	960401.48	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
819	Point	288528.41	960400.39	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
820	Point	288535.62	960451.87	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
821	Point	288497.57	960453.16	0.00	SOIL	GRANULAR	No Peat	0	8	1	0	None	None
822	Point	288522.57	960459.58	0.00	SOIL	GRANULAR	No Peat	0	4	1	0	None	None
823	Point	288541.41	960498.81	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
824	Point	288512.73	960509.75	0.00	SUPERFICIAL	GRANULAR	No Peat	0	8	1	0	None	None
825	Point	288491.00	960504.19	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
826	Point	288022.97	960477.39	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
827	Point	288022.59	960455.14	1.60	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
828	Point	288024.91	960427.20	1.70	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
829	Point	288022.21	960402.10	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
830	Point	288023.13	960379.98	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
831	Point	288023.48	960355.07	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
832	Point	288025.31	960329.13	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
833	Point	288024.98	960305.26	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
834	Point	288022.42	960281.24	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
835	Point	287973.51	960279.44	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
836	Point	287971.67	960305.47	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
837	Point	287973.33	960330.38	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
838	Point	287973.08	960355.55	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
839	Point	287971.73	960378.13	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
840	Point	287970.34	960406.00	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
841	Point	287973.04	960430.41	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
842	Point	287974.48	960454.77	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
843	Point	287944.75	960500.91	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
844	Point	287972.07	960478.23	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
845	Point	287919.75	960480.03	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
846	Point	287918.94	960457.85	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
847	Point	287895.64	960459.45	0.70	PEAT	GRANULAR	Thin Peat	2	4	1			



ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
850	Point	287923.00	960403.36	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
851	Point	287897.67	960398.65	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
852	Point	287896.23	960429.45	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
853	Point	287923.19	960380.37	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
854	Point	287924.39	960352.75	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
855	Point	287923.51	960330.66	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
856	Point	287920.93	960303.59	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
857	Point	287923.87	960278.89	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
858	Point	287972.28	960251.76	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
859	Point	287972.83	960229.96	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
860	Point	287973.56	960205.71	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
861	Point	287973.38	960181.48	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
862	Point	287974.40	960155.39	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
863	Point	287997.31	960156.17	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
864	Point	287973.39	960131.50	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
865	Point	287997.48	960131.52	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
866	Point	287974.28	960104.44	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
867	Point	287999.46	960104.71	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
868	Point	287974.51	960080.89	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
869	Point	287998.97	960079.73	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
870	Point	287996.98	960055.90	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
871	Point	287973.16	960055.58	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
872	Point	287922.07	960029.75	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
873	Point	287924.30	960057.74	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
874	Point	287921.95	960081.95	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
875	Point	287922.77	960107.31	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
876	Point	287924.11	960132.73	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
877	Point	287922.61	960155.90	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
878	Point	287922.65	960182.42	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
879	Point	287921.29	960204.59	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
880	Point	287921.06	960232.02	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
881	Point	287871.31	960228.66	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
882	Point	287874.13	960203.44	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
883	Point	287872.67	960177.74	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
884	Point	287874.60	960154.50	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
885	Point	287872.49	960129.99	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
886	Point	287871.61	960104.02	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
887	Point	287872.38	960081.03	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
888	Point	287873.48	960055.60	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
889	Point	287873.95	960029.55	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
890	Point	287798.42	959981.20	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
891	Point	287795.63	960004.99	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
892	Point	287770.86	960005.61	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
893	Point	287752.31	960003.32	0.70	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
894	Point	287752.60	960027.19	1.10	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
895	Point	287776.05	960026.31	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
896	Point	287799.72	960031.65	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
897	Point	287796.15	960056.69	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
898	Point	287769.25	960054.03	0.70	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
899	Point	287800.38	960082.61	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
900	Point	287783.23	960081.75	0.30	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
901	Point	287802.10	960103.06	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
902	Point	287788.11	960131.11	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
903	Point	287808.50	960135.80	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
904	Point	287791.61	960172.88	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
905	Point	287771.82	960203.74	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
906	Point	287746.20	960206.14	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
907	Point	287747.67	960228.18	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
908	Point	287771.20	960226.61	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
909	Point	287799.26	960245.32	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
910	Point	287802.10	960209.23	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
911	Point	287822.10	960209.70	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
912	Point	287825.91	960245.89	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
913	Point	287806.03	960263.58	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
914	Point	287793.81	960296.22	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
915	Point	287813.92	960291.37	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
916	Point	287832.54	960288.50	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
917	Point	287836.28	960312.94	1.50	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
918	Point	287817.23	960320.11	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
919	Point	287796.78	960322.50	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
920	Point	287808.96	960345.23	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
921	Point	287829.58	960346.68	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
922	Point	287849.47	960363.72	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
923	Point	287847.09	960337.06	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
924	Point	287831.47	960376.50	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
925	Point	287838.13	960402.08	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
926	Point	287863.37	960414.30	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
927	Point	287847.09	960432.75	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
928	Point	287398.80	960307.86	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
929	Point	287376.30	960379.12	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
930	Point	287366.28	960439.28	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
931	Point	287334.73	960295.43	2.90	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
932	Point	287277.49	960339.28	3.00	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
933	Point	287222.64	960387.30	1.20	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
934	Point	287156.44	960441.94	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
935	Point	287095.98	960492.65	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
936	Point	287067.02	960519.26	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
937	Point	287396.40	960485.55	2.50	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
938	Point	288544.42	959730.22	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
939	Point	288564.94	959837.49	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
940	Point	288652.42	959833.72	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
941	Point	288747.64	959847.18	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
942	Point	288849.36	959842.98	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
943	Point	288354.13	959263.58	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
944	Point	287456.21	959246.47	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
945	Point	287458.84	959296.10	0.60	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
946	Point	287455.66	959351.80	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
947	Point	287454.27	959401.36	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
948	Point	287453.01	959455.19	1.00	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
949	Point	287456.42	959503.77	1.90	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
950	Point	287462.85	959561.69	3.20	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
951	Point	287464.65	959610.66	4.30	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
952	Point	287465.25	959644.45	3.30	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
953	Point	287445.07											

ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
956	Point	287462.96	959841.56	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
957	Point	287667.53	959834.95	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
958	Point	287671.25	959742.34	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
959	Point	287654.17	959650.23	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
960	Point	287654.58	959549.23	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
961	Point	287652.00	959490.44	1.20	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
962	Point	287658.55	959441.76	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
963	Point	287669.29	959382.68	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
964	Point	287672.80	959337.76	2.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
965	Point	287668.23	959288.41	2.10	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
966	Point	287649.78	959241.74	1.10	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
967	Point	287851.00	959297.50	2.20	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
968	Point	287857.13	959342.70	2.20	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
969	Point	287859.59	959394.49	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
970	Point	287855.39	959445.87	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
971	Point	287855.21	959539.74	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
972	Point	287851.30	959620.60	0.10	SOIL	ROCK	Peaty Soil	1	6	2	12	Low	Low
973	Point	287857.40	959638.47	0.20	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
974	Point	287852.14	959737.59	0.20	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
975	Point	287851.96	959841.09	0.30	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
976	Point	287892.09	959839.11	0.40	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
977	Point	287957.21	959843.61	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
978	Point	287999.45	959856.38	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
979	Point	288054.53	959835.79	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
980	Point	288056.38	959742.99	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
981	Point	288049.28	959682.64	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
982	Point	288061.50	959638.86	1.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
983	Point	288066.48	959595.24	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
984	Point	288056.07	959544.64	0.20	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
985	Point	288049.65	959488.08	0.60	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
986	Point	288060.46	959441.04	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
987	Point	288055.09	959395.66	0.70	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
988	Point	288054.95	959344.64	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
989	Point	288058.55	959292.25	1.30	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
990	Point	288060.47	959242.64	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
991	Point	288285.49	959249.37	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
992	Point	288289.70	959292.53	1.10	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
993	Point	288263.17	959304.00	1.40	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
994	Point	288249.01	959345.42	3.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
995	Point	288252.22	959375.41	2.20	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
996	Point	288251.78	959415.31	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
997	Point	288249.07	959448.51	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
998	Point	288245.48	959486.56	0.00	ROCK	ROCK	No Peat	0	2	2	0	None	None
999	Point	288258.01	959496.73	2.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1000	Point	288257.35	959543.56	2.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1001	Point	288261.97	959561.07	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1002	Point	288261.28	959586.64	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1003	Point	288262.13	959612.83	2.90	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1004	Point	288258.27	959643.74	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1005	Point	288262.67	959695.70	1.20	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1006	Point	288258.31	959742.71	2.60	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1007	Point	288262.09	959788.00	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1008	Point	288265.16	959841.48	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1009	Point	288310.73	959849.59	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1010	Point	288353.12	959842.21	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1011	Point	288375.80	959846.49	0.40	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1012	Point	288452.52	959838.65	0.20	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1013	Point	288391.07	959830.77	0.20	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1014	Point	288402.52	959770.64	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1015	Point	288418.72	959714.19	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1016	Point	288427.13	959675.35	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1017	Point	288428.60	959663.00	1.20	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1018	Point	288452.32	959596.83	1.90	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1019	Point	288437.61	959556.16	2.90	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1020	Point	288475.85	959519.46	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1021	Point	288493.25	959470.24	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1022	Point	288504.82	959418.00	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1023	Point	288502.02	959374.35	0.20	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1024	Point	288488.38	959350.84	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1025	Point	288435.13	959488.30	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1026	Point	288479.98	959573.76	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1027	Point	288480.71	959672.58	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1028	Point	288493.21	959753.99	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1029	Point	287822.33	959833.38	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1030	Point	288544.60	959728.07	0.00	SOIL	GRANULAR	No Peat	0	2	1	0	None	None
1031	Point	288566.38	959641.67	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1032	Point	288571.28	959537.87	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1033	Point	288561.33	959432.30	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1034	Point	288557.16	959343.16	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1035	Point	288562.23	959277.27	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1036	Point	288656.03	959242.94	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1037	Point	288705.85	959257.73	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1038	Point	288756.85	959242.74	0.00	SOIL	GRANULAR	No Peat	0	8	1	0	None	None
1039	Point	288760.15	959343.16	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Low
1040	Point	288662.96	959350.96	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1041	Point	288653.17	959439.39	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1042	Point	288761.49	959443.42	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1043	Point	288854.53	959447.42	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1044	Point	288850.90	959536.62	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1045	Point	288803.63	959536.14	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1046	Point	288754.09	959541.82	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1047	Point	288654.67	959540.79	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1048	Point	288659.42	959642.60	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1049	Point	288761.18	959644.96	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1050	Point	288847.50	959645.78	0.50	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1051	Point	288866.80	959645.87	0.50	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1052	Point	288860.31	959738.84	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1053	Point	288757.25	959740.44	0.30	SOIL	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1054	Point	288657.64	959740.78	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1055	Point	288593.32	959741.69	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1056	Point	288570.62	959742.47	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1057	Point	288453.51	959741.98	0.50	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1058	Point	288368.86	959745.75	3.70	PEAT	GRANULAR	Thick Peat	3	2	1	6</		



ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1062	Point	288353.05	959343.19	2.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1063	Point	288458.59	959340.75	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1064	Point	288461.78	959445.68	2.00	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1065	Point	288454.21	959542.51	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1066	Point	288452.47	959338.95	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1067	Point	288455.47	959243.72	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1068	Point	287359.41	959248.96	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1069	Point	287358.09	959305.22	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1070	Point	287358.62	959344.44	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1071	Point	287363.86	959396.80	1.20	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1072	Point	287361.45	959443.40	1.40	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1073	Point	287359.27	959495.39	2.20	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1074	Point	287357.68	959545.67	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1075	Point	287360.62	959595.16	4.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1076	Point	287359.41	959646.57	3.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1077	Point	287360.83	959696.88	2.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1078	Point	287358.20	959747.82	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1079	Point	287360.06	959794.67	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1080	Point	287360.47	959843.47	0.30	ROCK	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1081	Point	287605.63	959840.98	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1082	Point	287569.05	959777.71	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1083	Point	287561.85	959835.52	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1084	Point	287567.57	959721.77	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1085	Point	287568.58	959639.77	3.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1086	Point	287565.56	959547.02	3.00	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1087	Point	287562.22	959447.20	3.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1088	Point	287552.69	959343.83	2.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1089	Point	287759.75	959244.91	2.00	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1090	Point	287761.65	959302.57	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1091	Point	287758.34	959342.58	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1092	Point	287763.90	959400.39	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1093	Point	287756.21	959442.46	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1094	Point	287759.40	959486.06	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1095	Point	287758.12	959548.45	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1096	Point	287762.19	959597.44	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1097	Point	287758.55	959645.86	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1098	Point	287758.05	959700.20	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1099	Point	287763.18	959751.47	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1100	Point	287759.45	959804.12	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1101	Point	287753.88	959846.28	0.40	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1102	Point	287762.69	959859.88	0.10	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1103	Point	287866.88	959866.77	0.10	SOIL	ROCK	Peaty Soil	1	8	2	16	Medium	Medium
1104	Point	287907.95	959852.32	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1105	Point	287960.71	959747.98	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1106	Point	287959.32	959699.65	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1107	Point	287960.82	959635.56	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1108	Point	287967.98	959587.64	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1109	Point	287962.57	959533.58	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1110	Point	287967.81	959486.02	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1111	Point	287960.70	959442.91	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1112	Point	287965.22	959394.63	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1113	Point	287960.52	959349.33	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1114	Point	287961.69	959301.06	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1115	Point	287963.85	959245.04	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1116	Point	288164.84	959284.53	3.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1117	Point	288159.64	959343.49	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1118	Point	288156.10	959399.49	2.50	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1119	Point	288157.60	959450.99	1.50	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1120	Point	288158.71	959502.64	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1121	Point	288158.16	959547.21	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1122	Point	288164.68	959603.23	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1123	Point	288205.82	959607.22	2.00	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1124	Point	288156.13	959641.06	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1125	Point	288157.64	959696.88	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1126	Point	288157.53	959748.78	1.90	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1127	Point	288158.67	959818.55	1.20	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1128	Point	288158.38	959845.16	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1129	Point	288211.87	959842.05	1.00	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1130	Point	288301.63	959860.69	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1131	Point	288308.44	959814.21	2.00	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1132	Point	288310.92	959772.19	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1133	Point	288314.95	959738.40	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1134	Point	288315.08	959693.42	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1135	Point	288350.50	959700.51	3.00	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1136	Point	288359.85	959771.89	2.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1137	Point	288325.84	959664.84	1.70	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1138	Point	288322.35	959618.35	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1139	Point	288319.39	959579.95	2.60	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1140	Point	288301.43	959557.32	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1141	Point	288310.52	959544.90	1.90	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1142	Point	288307.07	959492.12	2.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1143	Point	288306.63	959445.56	2.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1144	Point	288351.69	959395.22	3.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1145	Point	288359.62	959494.18	3.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1146	Point	288364.47	959598.71	2.10	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1147	Point	288389.08	959690.92	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1148	Point	288412.77	959710.33	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1149	Point	288550.37	959652.25	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1150	Point	288554.34	959627.81	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1151	Point	288549.60	959604.92	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1152	Point	288548.74	959578.21	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1153	Point	288569.32	959580.78	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1154	Point	288572.28	959606.32	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1155	Point	288575.28	959629.63	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1156	Point	288572.10	959654.60	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1157	Point	288577.03	959680.82	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1158	Point	288625.25	959681.68	0.30	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1159	Point	288624.96	959651.05	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1160	Point	288626.15	959624.65	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1161	Point	288624.75	959599.44	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1162	Point	288626.94	959577.47	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1163	Point	288577.25	959528.19	0.50	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1164	Point	288560.38	959485.41	0.40	PEAT</								

ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1168	Point	288387.83	959400.84	2.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1169	Point	288146.95	959465.47	2.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1170	Point	288104.91	959487.28	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1171	Point	288060.14	959491.35	0.70	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1172	Point	288036.93	959451.35	1.30	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1173	Point	288021.96	959430.61	1.20	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1174	Point	288006.76	959391.87	1.30	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1175	Point	287998.22	959361.66	1.40	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1176	Point	287974.49	959323.72	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1177	Point	287955.48	959267.45	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1178	Point	287967.98	959381.28	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1179	Point	287983.32	959407.95	1.20	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1180	Point	287998.86	959441.67	1.40	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1181	Point	288020.35	959476.15	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1182	Point	288037.16	959506.86	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1183	Point	288087.95	959521.28	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1184	Point	288130.11	959512.00	3.20	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1185	Point	288166.93	959494.79	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1186	Point	288212.57	959470.27	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1187	Point	288261.97	959454.56	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1188	Point	288308.45	959441.91	3.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1189	Point	288407.12	959436.68	2.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1190	Point	287983.21	959482.22	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1191	Point	287961.01	959500.87	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1192	Point	287947.36	959478.98	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1193	Point	287941.36	959462.81	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1194	Point	287924.79	959427.27	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1195	Point	287896.51	959403.57	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1196	Point	287873.74	959405.52	2.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1197	Point	287848.56	959401.79	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1198	Point	287871.82	959430.27	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1199	Point	287897.80	959428.22	2.50	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1200	Point	287849.16	959429.43	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1201	Point	287823.34	959430.55	1.10	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1202	Point	287825.66	959402.81	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1203	Point	287810.47	959412.16	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1204	Point	287796.83	959451.36	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1205	Point	287826.85	959454.77	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1206	Point	287844.84	959451.65	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1207	Point	287823.59	959483.09	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1208	Point	287848.53	959478.84	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1209	Point	287871.53	959481.15	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1210	Point	287879.99	959467.73	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1211	Point	287874.65	959454.33	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1212	Point	287895.55	959447.79	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1213	Point	287899.32	959480.91	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1214	Point	287922.24	959487.31	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1215	Point	287927.59	959457.26	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1216	Point	287940.31	959443.35	1.20	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1217	Point	288547.76	959731.23	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1218	Point	288513.96	959731.46	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1219	Point	288492.04	959722.61	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1220	Point	288460.94	959766.76	0.20	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1221	Point	288487.67	959777.14	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1222	Point	288521.39	959767.08	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1223	Point	288502.93	959811.42	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1224	Point	288480.77	959824.87	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1225	Point	288458.01	959820.50	0.10	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1226	Point	288478.86	959832.91	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1227	Point	288500.02	959828.78	1.00	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1228	Point	288523.83	959828.84	2.00	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1229	Point	288547.86	959830.20	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1230	Point	288576.89	959829.37	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1231	Point	288600.88	959825.71	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1232	Point	288600.52	959853.95	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1233	Point	288570.33	959854.99	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1234	Point	288544.51	959855.73	1.00	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1235	Point	288522.16	959855.44	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1236	Point	288506.28	959860.90	1.40	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1237	Point	288492.63	959855.91	0.10	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1238	Point	288472.62	959856.11	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1239	Point	288458.12	959868.78	0.20	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1240	Point	288474.45	959879.08	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1241	Point	288482.08	959870.88	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1242	Point	288551.74	959877.62	1.40	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1243	Point	288574.82	959879.37	0.50	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1244	Point	288600.43	959877.90	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1245	Point	288536.12	959728.76	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1246	Point	288547.01	959693.93	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1247	Point	288550.32	959667.16	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1248	Point	288600.31	959580.56	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1249	Point	288597.40	959607.38	0.30	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1250	Point	288598.21	959632.52	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1251	Point	288596.73	959656.85	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1252	Point	288598.35	959679.57	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1253	Point	288646.09	959679.95	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1254	Point	288647.47	959656.37	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1255	Point	288648.80	959630.49	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1256	Point	288648.77	959606.52	0.30	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1257	Point	288646.86	959582.01	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1258	Point	288527.59	959589.22	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1259	Point	288526.59	959638.75	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1260	Point	288518.58	959685.78	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1261	Point	288526.12	959542.93	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1262	Point	288502.20	959494.63	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1263	Point	288459.58	959471.48	1.90	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1264	Point	288411.92	959457.54	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1265	Point	288359.52	959462.90	3.40	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1266	Point	288315.12	959471.67	2.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1267	Point	288265.04	959477.37	3.40	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1268	Point	288221.39	959498.11	0.10	PEAT	ROCK	Peaty Soil	1	4	2	8	Low	Low
1269	Point	288171.65	959520.33	1.80	PEAT	ROCK	Thick Peat	3	2	2	12	Low	Low
1270	Point	2881											



ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1274	Point	288124.23	959541.46	2.30	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1275	Point	288077.51	959567.22	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1276	Point	288041.44	959564.42	0.30	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1277	Point	288014.65	959522.49	2.10	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1278	Point	287988.26	959488.67	2.30	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1279	Point	287974.68	959443.12	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1280	Point	287965.92	959417.56	1.20	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1281	Point	287950.79	959398.17	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1282	Point	287933.11	959352.51	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1283	Point	287914.19	959307.42	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1284	Point	287894.71	959260.07	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1285	Point	287928.07	959275.49	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1286	Point	287951.53	959341.03	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1287	Point	288537.00	959500.07	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1288	Point	288557.86	959548.25	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1289	Point	288044.73	959587.00	1.00	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1290	Point	288019.95	959574.06	1.50	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1291	Point	287999.24	959586.04	1.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1292	Point	288016.02	959614.26	2.50	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1293	Point	287993.37	959629.06	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1294	Point	287979.59	959605.10	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1295	Point	287949.18	959623.72	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1296	Point	287960.18	959654.50	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1297	Point	287935.66	959666.61	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1298	Point	287930.45	959637.63	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1299	Point	287906.14	959652.30	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1300	Point	287906.56	959684.43	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1301	Point	287877.76	959667.17	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1302	Point	287873.94	959701.04	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1303	Point	287883.95	959721.97	0.30	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1304	Point	287862.18	959727.02	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1305	Point	287833.33	959738.54	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1306	Point	287843.13	959704.94	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1307	Point	287815.64	959708.76	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1308	Point	287800.28	959681.85	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1309	Point	287822.58	959681.23	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1310	Point	287826.37	959695.21	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1311	Point	287827.63	959657.13	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1312	Point	287841.52	959668.60	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1313	Point	287847.45	959684.93	0.10	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1314	Point	287853.85	959644.93	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1315	Point	287869.67	959652.85	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1316	Point	287879.60	959633.68	0.20	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1317	Point	287905.23	959619.83	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1318	Point	287925.96	959608.94	0.50	PEAT	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1319	Point	287935.69	959579.32	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1320	Point	287946.67	959553.14	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1321	Point	287950.36	959529.45	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1322	Point	287973.78	959525.81	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1323	Point	287977.59	959553.98	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1324	Point	287973.10	959577.47	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1325	Point	287989.27	959568.41	2.50	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1326	Point	288006.34	959555.72	2.40	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1327	Point	288030.86	959540.35	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1328	Point	288349.76	959152.43	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1329	Point	288352.22	959048.96	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1330	Point	288366.69	958947.35	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1331	Point	288362.89	958854.73	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1332	Point	288373.27	958749.68	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1333	Point	288383.96	958645.06	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1334	Point	287554.53	958647.28	2.00	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1335	Point	287469.34	958632.33	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1336	Point	287460.28	958685.90	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1337	Point	287457.24	958739.91	3.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1338	Point	287451.33	958803.36	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1339	Point	287454.23	958843.33	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1340	Point	287461.42	958887.81	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1341	Point	287456.22	958948.57	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1342	Point	287448.27	959050.31	2.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1343	Point	287458.04	959101.55	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1344	Point	287460.40	959140.98	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1345	Point	287466.74	959199.75	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1346	Point	287650.08	959190.39	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1347	Point	287656.29	959139.97	2.40	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1348	Point	287667.76	959085.10	2.10	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1349	Point	287659.24	959037.80	2.40	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1350	Point	287665.95	958979.73	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1351	Point	287663.45	958942.09	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1352	Point	287657.57	958887.54	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1353	Point	287659.18	958840.26	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1354	Point	287666.04	958766.90	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1355	Point	287703.66	958718.42	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1356	Point	287753.08	958698.16	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1357	Point	287810.80	958669.58	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1358	Point	287856.03	958645.87	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1359	Point	287854.33	958736.62	0.00	PEAT	GRANULAR	No Peat	0	1	1	0	None	None
1360	Point	287849.74	958783.63	0.60	SOIL	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1361	Point	287855.16	958837.62	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1362	Point	287849.39	958896.15	1.20	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1363	Point	287856.90	958946.21	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1364	Point	287853.19	959047.86	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1365	Point	287855.92	959140.46	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1366	Point	287854.25	959238.04	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1367	Point	288057.18	959188.88	1.20	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1368	Point	288048.11	959140.84	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1369	Point	288044.73	959092.68	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1370	Point	288039.07	959033.89	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1371	Point	288055.98	958983.44	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1372	Point	288062.52	958955.12	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1373	Point	288067.07	958911.24	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1374	Point	288056.17	958847.14	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1375	Point	288056.17	958797.44	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1376	Point	288067.3											

ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1380	Point	288158.84	958644.94	1.50	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1381	Point	288194.20	958639.12	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1382	Point	288258.66	958657.07	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1383	Point	288263.57	958700.73	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1384	Point	288257.55	958742.05	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1385	Point	288256.08	958792.45	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1386	Point	288256.84	958848.05	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1387	Point	288256.67	958899.03	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1388	Point	288251.03	958940.85	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1389	Point	288266.25	959046.66	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1390	Point	288253.41	959135.26	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1391	Point	288266.34	959162.19	0.00	ROCK	ROCK	No Peat	0	1	2	0	None	None
1392	Point	288257.68	959185.14	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1393	Point	288275.13	959219.57	1.20	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1394	Point	288558.99	959140.89	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1395	Point	288558.34	959047.50	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1396	Point	288610.12	959093.43	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1397	Point	288664.99	959140.18	0.60	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
1398	Point	288463.86	959193.20	0.50	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1399	Point	288464.04	959142.62	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1400	Point	288463.90	959092.51	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1401	Point	288463.63	959039.43	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1402	Point	288462.06	958987.75	1.20	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1403	Point	288461.06	958943.73	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1404	Point	288457.47	958896.39	1.50	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1405	Point	288460.30	958845.59	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1406	Point	288462.32	958792.70	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1407	Point	288460.16	958743.69	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1408	Point	288458.49	958693.68	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1409	Point	288460.44	958641.45	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1410	Point	287463.40	958628.61	1.10	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1411	Point	287366.78	958629.81	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1412	Point	287352.21	958693.92	3.40	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1413	Point	287357.39	958743.88	3.20	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1414	Point	287359.12	958794.17	2.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1415	Point	287358.88	958846.65	3.40	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1416	Point	287363.41	958897.88	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1417	Point	287354.50	958945.41	1.80	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1418	Point	287358.32	958993.11	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1419	Point	287356.79	959044.07	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1420	Point	287355.65	959096.79	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1421	Point	287360.13	959149.08	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1422	Point	287358.94	959201.42	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1423	Point	287563.44	959239.41	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1424	Point	287559.44	959143.21	0.60	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1425	Point	287559.55	959040.83	1.40	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1426	Point	287559.53	958944.72	3.20	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1427	Point	287567.96	958887.50	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1428	Point	287559.74	958847.00	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1429	Point	287569.13	958784.93	2.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1430	Point	287561.81	958743.31	2.30	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1431	Point	287662.31	958743.30	2.50	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1432	Point	287665.50	958648.98	1.50	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1433	Point	287759.90	958647.31	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1434	Point	287756.98	958741.32	0.60	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1435	Point	287763.26	958797.26	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1436	Point	287760.67	958843.90	1.70	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1437	Point	287761.50	958896.53	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1438	Point	287759.36	958934.77	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1439	Point	287757.70	958990.43	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1440	Point	287757.06	959044.31	2.60	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1441	Point	287758.04	959099.06	1.80	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1442	Point	287757.04	959143.03	2.00	PEAT	GRANULAR	Thick Peat	3	4	1	12	Low	Low
1443	Point	287963.20	959193.55	1.60	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1444	Point	287962.25	959140.21	1.30	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1445	Point	287966.61	959091.70	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1446	Point	287963.85	959035.95	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1447	Point	287966.21	958988.48	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1448	Point	287964.84	958948.76	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1449	Point	287964.27	958911.10	0.00	ROCK	ROCK	No Peat	0	2	2	0	None	None
1450	Point	287967.50	958903.14	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1451	Point	287971.14	958891.75	0.20	PEAT	ROCK	Peaty Soil	1	2	2	4	Negligible	Negligible
1452	Point	287964.22	958845.88	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1453	Point	287962.63	958789.94	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1454	Point	287963.62	958738.37	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1455	Point	287965.32	958695.89	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1456	Point	287964.02	958647.15	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1457	Point	288010.38	958640.81	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1458	Point	288106.81	958696.30	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1459	Point	288155.14	958702.68	1.30	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1460	Point	288158.93	958744.01	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1461	Point	288164.59	958793.26	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1462	Point	288160.81	958840.57	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1463	Point	288163.72	958888.37	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1464	Point	288111.24	958895.24	0.30	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1465	Point	288151.08	958917.23	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1466	Point	288159.93	958949.62	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1467	Point	288156.50	959003.90	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1468	Point	288157.27	959044.47	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1469	Point	288160.16	959098.66	0.40	PEAT	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1470	Point	288161.49	959150.40	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1471	Point	288156.65	959197.59	1.50	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1472	Point	288167.02	959237.44	2.40	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1473	Point	287930.92	959217.46	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1474	Point	287922.65	959200.06	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1475	Point	287922.37	959173.33	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1476	Point	287920.22	959145.91	1.40	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1477	Point	287921.77	959125.26	1.40	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1478	Point	287922.79	959099.79	1.30	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1479	Point	287924.42	959078.58	1.70	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1480	Point	287909.63	959074.73	1.50	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1481	Point	287886.86	959049.76	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1482	Point	287916.71	959026.62	0.40	PEAT	GRANULAR	Peaty						



ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1486	Point	287930.15	958820.88	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1487	Point	287935.03	958774.13	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1488	Point	287926.24	958748.95	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1489	Point	287922.00	958729.57	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1490	Point	287925.71	958699.94	1.30	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1491	Point	287928.23	958679.26	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1492	Point	287922.23	958652.88	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1493	Point	287948.33	958753.14	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1494	Point	287949.00	958725.83	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1495	Point	287937.39	958724.30	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1496	Point	287953.19	958705.66	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1497	Point	287971.35	958701.98	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1498	Point	287945.73	958679.32	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1499	Point	287948.71	958658.07	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1500	Point	287951.80	958626.60	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1501	Point	287949.44	958605.31	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1502	Point	287902.01	959076.80	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1503	Point	287900.59	959105.07	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1504	Point	287872.12	959213.30	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1505	Point	287868.59	959182.73	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1506	Point	287867.67	959156.22	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1507	Point	287871.60	959132.10	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1508	Point	287849.15	959129.84	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1509	Point	287847.29	959104.50	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1510	Point	287872.84	959105.99	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1511	Point	287873.80	959079.62	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1512	Point	287846.43	959078.79	0.60	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1513	Point	287866.65	959015.97	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1514	Point	287869.79	958965.76	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1515	Point	287873.16	958917.26	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1516	Point	287874.47	958863.27	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1517	Point	287882.03	958815.11	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1518	Point	287884.48	958765.39	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1519	Point	287896.94	958754.52	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1520	Point	287898.80	958732.24	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1521	Point	287873.82	958725.87	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1522	Point	287875.13	958701.02	1.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1523	Point	287876.22	958673.01	1.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1524	Point	287899.55	958653.42	1.20	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1525	Point	287897.94	958681.04	1.70	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1526	Point	287898.42	958705.67	1.30	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1527	Point	287947.83	958760.01	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1528	Point	287951.15	958731.39	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1529	Point	287954.61	958707.29	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1530	Point	287960.84	958681.52	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1531	Point	287902.61	958624.68	1.10	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1532	Point	287926.21	958607.26	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1533	Point	287924.39	958633.75	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1534	Point	287920.95	958657.47	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1535	Point	287920.96	958681.68	1.00	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1536	Point	287913.98	958707.78	0.20	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1537	Point	287913.16	958736.33	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1538	Point	287905.48	958790.00	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1539	Point	287901.90	958841.46	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1540	Point	287898.56	958888.70	0.30	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1541	Point	287894.11	958941.41	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1542	Point	287890.07	958991.87	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1543	Point	287885.36	959047.33	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1544	Point	287883.06	959081.80	0.60	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1545	Point	287885.99	959105.63	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1546	Point	287891.86	959154.80	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1547	Point	287895.21	959180.35	1.20	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1548	Point	287895.83	959202.18	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1549	Point	287909.99	959227.10	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1550	Point	288573.16	958967.47	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1551	Point	288586.00	958860.46	1.30	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1552	Point	288581.47	958773.34	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1553	Point	288581.47	958660.08	0.80	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1554	Point	288360.60	958560.23	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1555	Point	288272.84	958538.95	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1556	Point	288171.20	958536.58	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1557	Point	288069.48	958537.78	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1558	Point	287965.74	958526.79	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1559	Point	287868.47	958535.44	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1560	Point	287756.34	958522.34	1.90	PEAT	GRANULAR	Thick Peat	3	2	1	6	Low	Low
1561	Point	287664.05	958531.30	2.80	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1562	Point	288460.02	958593.50	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1563	Point	288459.28	958541.50	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1564	Point	288462.32	958493.67	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1565	Point	288462.50	958429.69	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1566	Point	288415.83	958426.54	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1567	Point	288358.49	958441.18	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1568	Point	288310.77	958438.04	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1569	Point	288267.36	958414.13	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1570	Point	288253.06	958447.62	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1571	Point	288204.32	958440.99	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1572	Point	288156.85	958437.91	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1573	Point	288109.64	958437.55	1.10	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1574	Point	288057.50	958441.22	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1575	Point	288002.04	958436.57	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1576	Point	287954.48	958437.74	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1577	Point	287909.33	958436.85	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1578	Point	287854.27	958439.61	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1579	Point	287803.70	958432.87	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1580	Point	287753.57	958435.82	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1581	Point	287705.12	958431.92	0.50	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1582	Point	287656.37	958440.28	3.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1583	Point	287604.04	958488.02	3.60	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1584	Point	287555.69	958543.10	3.30	PEAT	GRANULAR	Thick Peat	3	1	1	3	Negligible	Negligible
1585	Point	288456.14	958341.95	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1586	Point	288461.43	958248.26	0.50	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1587	Point	288463.88	958147.42	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1			

ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1592	Point	288259.81	958339.90	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1593	Point	288231.69	958382.06	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1594	Point	288059.34	958350.46	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1595	Point	288056.87	958238.01	0.80	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1596	Point	288055.54	958151.21	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1597	Point	288057.57	958039.56	0.60	SOIL	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1598	Point	287857.62	958040.13	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1599	Point	287859.96	958135.48	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1600	Point	287857.41	958245.62	0.40	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1601	Point	287902.80	958315.56	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1602	Point	287871.49	958351.48	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1603	Point	287816.27	958347.23	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1604	Point	288357.94	958358.64	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1605	Point	288355.50	958253.19	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1606	Point	288359.62	958164.86	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1607	Point	288357.28	958053.93	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1608	Point	288166.68	958034.23	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1609	Point	288160.08	958135.74	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1610	Point	288156.11	958243.79	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1611	Point	288163.76	958339.84	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1612	Point	287994.66	958344.31	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1613	Point	287970.04	958342.55	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1614	Point	287958.29	958252.63	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1615	Point	287956.17	958161.09	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1616	Point	287947.65	958049.93	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1617	Point	287761.45	958030.35	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1618	Point	287773.08	958130.40	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1619	Point	287781.16	958220.68	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1620	Point	287793.89	958248.74	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1621	Point	287901.81	958278.85	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1622	Point	287771.52	958347.31	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1623	Point	287951.34	958573.32	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1624	Point	287961.68	958526.98	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1625	Point	287981.86	958532.53	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1626	Point	287972.74	958502.71	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1627	Point	287976.17	958476.62	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1628	Point	287972.44	958451.47	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1629	Point	287958.45	958424.58	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1630	Point	287944.75	958373.72	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1631	Point	287967.33	958378.27	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1632	Point	287953.78	958353.23	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1633	Point	287962.55	958323.27	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1634	Point	287949.19	958301.55	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1635	Point	287951.05	958278.10	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1636	Point	287945.84	958252.44	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1637	Point	287977.16	958256.75	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1638	Point	287972.63	958227.35	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1639	Point	287959.86	958226.23	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1640	Point	287947.60	958229.00	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1641	Point	287945.84	958201.57	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1642	Point	287973.65	958205.41	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1643	Point	287970.85	958178.94	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1644	Point	287963.69	958169.86	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1645	Point	287948.80	958179.20	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1646	Point	287948.15	958153.23	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1647	Point	287973.18	958151.58	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1648	Point	287960.94	958124.64	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1649	Point	287948.42	958105.13	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1650	Point	287950.62	958076.66	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1651	Point	287968.74	958078.00	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1652	Point	287947.77	958051.86	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1653	Point	287945.60	958027.04	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1654	Point	287963.20	958023.75	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1655	Point	287946.63	958005.29	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1656	Point	287947.32	957981.69	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1657	Point	287961.74	957976.07	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1658	Point	287975.08	957980.33	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1659	Point	287948.62	958329.05	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1660	Point	287905.14	958599.19	0.90	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1661	Point	287902.43	958571.62	0.30	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1662	Point	287904.20	958542.96	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1663	Point	287906.66	958517.49	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1664	Point	287887.86	958504.86	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1665	Point	287916.09	958505.19	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1666	Point	287918.05	958480.01	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1667	Point	287889.25	958479.16	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1668	Point	287890.42	958452.61	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1669	Point	287919.03	958453.76	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1670	Point	287913.31	958414.80	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1671	Point	287915.06	958373.48	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1672	Point	287907.31	958353.16	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1673	Point	287924.10	958355.38	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1674	Point	287922.70	958331.00	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1675	Point	287922.86	958305.43	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1676	Point	287923.48	958278.00	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1677	Point	287904.68	958262.31	0.40	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1678	Point	287921.39	958251.81	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1679	Point	287920.82	958231.83	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1680	Point	287896.78	958229.51	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1681	Point	287899.70	958205.70	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1682	Point	287923.13	958207.46	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1683	Point	287921.88	958180.70	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1684	Point	287914.10	958168.52	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1685	Point	287894.24	958178.54	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1686	Point	287923.25	958153.89	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1687	Point	287898.98	958153.08	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1688	Point	287909.74	958116.39	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1689	Point	287923.46	958104.68	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1690	Point	287897.28	958103.57	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1691	Point	287871.40	958102.51	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1692	Point	287871.83	958083.47	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1693	Point	287871.58	958055.84	0.20	PEAT								



ID	SOURCE	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	Point	285243.98	965193.80	0.10	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1698	Point	287923.78	958029.78	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1699	Point	287904.68	958015.72	0.20	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1700	Point	287922.20	958002.53	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1701	Point	287922.48	957978.68	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1702	Point	287909.21	957966.70	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1703	Point	287934.03	958008.99	0.10	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1704	Point	287935.37	958054.24	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1705	Point	287935.44	958106.56	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1706	Point	287935.61	958154.20	0.10	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1707	Point	287935.85	958171.57	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1708	Point	287934.95	958207.27	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1709	Point	287933.36	958260.32	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1710	Point	287934.67	958305.96	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1711	Point	287938.29	958361.12	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1712	Point	287935.50	958395.77	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1713	Point	287934.15	958432.01	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1714	Point	287935.53	958461.55	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1715	Point	287931.88	958503.93	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1716	Point	287927.46	958531.84	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1717	Point	287926.57	958556.82	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1718	Point	287925.39	958580.94	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1719	Point	288584.20	958561.82	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1720	Point	288573.28	958464.93	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1721	Point	288464.26	957947.27	0.60	PEAT	GRANULAR	Thin Peat	2	6	1	12	Low	Low
1722	Point	288355.76	957869.43	0.30	SOIL	GRANULAR	Peaty Soil	1	8	1	8	Low	Low
1723	Point	288256.22	957836.62	0.30	SOIL	GRANULAR	Peaty Soil	1	6	1	6	Low	Low
1724	Point	288254.98	957939.63	1.00	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1725	Point	288065.72	957940.81	0.30	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1726	Point	288064.40	957850.07	1.30	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1727	Point	287874.72	957848.74	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1728	Point	287851.98	957943.79	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1729	Point	287913.02	957934.32	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1730	Point	288352.87	957951.77	0.50	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1731	Point	288305.19	957910.87	0.70	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1732	Point	288236.47	957866.24	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1733	Point	288156.16	957831.46	0.20	SOIL	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1734	Point	288161.06	957934.00	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1735	Point	287954.23	957954.47	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1736	Point	287945.47	957853.55	1.00	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1737	Point	287818.86	957855.58	0.20	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1738	Point	287757.22	957915.09	0.30	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1739	Point	287972.36	957953.30	0.70	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1740	Point	287973.62	957929.13	0.80	PEAT	GRANULAR	Thin Peat	2	1	1	2	Negligible	Negligible
1741	Point	287972.62	957904.46	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1742	Point	287948.19	957903.49	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1743	Point	287938.77	957883.52	0.50	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1744	Point	287961.95	957925.75	0.40	PEAT	GRANULAR	Peaty Soil	1	1	1	1	Negligible	Negligible
1745	Point	287946.60	957929.35	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1746	Point	287946.44	957957.95	0.90	PEAT	GRANULAR	Thin Peat	2	2	1	4	Negligible	Negligible
1747	Point	287891.12	957955.00	0.10	SOIL	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1748	Point	287916.98	957954.17	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1749	Point	287916.90	957931.20	0.70	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low
1750	Point	287890.90	957929.72	0.40	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1751	Point	287891.86	957902.82	0.30	PEAT	GRANULAR	Peaty Soil	1	4	1	4	Negligible	Negligible
1752	Point	287919.12	957903.58	0.10	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1753	Point	287935.04	957886.32	0.20	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1754	Point	287934.33	957910.83	0.30	PEAT	GRANULAR	Peaty Soil	1	2	1	2	Negligible	Negligible
1755	Point	287936.40	957955.49	0.90	PEAT	GRANULAR	Thin Peat	2	4	1	8	Low	Low

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