

Technical Appendix 10.1:

Peat Landslide Hazard and Risk Assessment

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1.0 Introduction

1.1 General

SLR Consulting Ltd (SLR) was commissioned by Oliver Forest Wind Farm Limited (the Applicant) to undertake a Peat Landslide Hazard and Risk Assessment (PLHRA) at the proposed Oliver Forest Wind Farm ('the Proposed Development').

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

This Technical Appendix presents the findings of data obtained from peat surveys conducted by SLR Consulting in September 2022, December 2023, and February 2024.

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

The methods adopted for the assessment follow the best practice guidance issued by the Scottish Government (Scottish Government, 2017) 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.

1.2 Scope and Objectives of the Report

The purpose of this Technical Appendix is to identify those parts of the Proposed Development 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.

The assessment of peat stability is primarily concerned with the influence of the peat on the development of the wind farm. The main objective is to assess the potential peat stability at the Proposed Development, identify areas of potential concern and identify mitigation measures to ensure the maintenance of peat stability before, during and after construction. All aspects of construction should be based on ensuring minimum disruption to areas of peat. The objectives have been achieved by completion of the following:

- a desk-based review of available reports which include geological, hydrological and topographical information;
- several phases of peat surveys;
- geomorphological mapping of the Proposed Development site to identify the prevailing conditions influencing the potential for, or any evidence of, active, incipient or relict peat instability, including identification of the location and photographic record, as appropriate;
- reporting on evidence of any active, incipient or relict peat instability, and the potential risk of future instability, describing the likely causes and contributory factors;
- identification of potential controls to be imposed on the Principal Contractor to minimise the risk of peat instability occurring at the Proposed Development site; and
- provide recommendations for further work or specific construction methodologies to suit the ground conditions at the Proposed Development site to mitigate any unacceptable risk of potential peat instability.

Construction of the Proposed Development would only increase the risk of peat slope instability if good geotechnical construction practice is ignored, and it is a requirement of all renewable energy developments to follow a very carefully worded and designed Construction and Environmental Management Plan (CEMP) which incorporates the recommendations of the PLHRA.

Without the guidance contained in an Outline Construction Environmental Management Plan (CEMP) (Technical Appendix 3.1), the following factors would increase the risk of instability:

- construction of access tracks;
- excavation and stockpiling for foundations;

- construction of hardstanding area; and
- blocking of natural drainage, inappropriate new drainage or drainage discharge.

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

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

The conceptual layout of the wind turbines and access routes, the findings from the peat probing, sampling and analysis were used by the design team to optimise the wind turbine layout to avoid or mitigate areas of unacceptable peat slide risk, as described in Chapter 2. The layout presented in the figures represents the final iteration of the layout of the Proposed Development.

This system outlined above was developed in accordance with the guidelines on PLHRA by the Scottish Government (2017) 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

The importance of assessing the stability of peat deposits in relation to energy developments came to the fore as a result of peat failures during the construction of Derrybrien (Lindsay, R.A. and Bragg, O., 2004) Wind Farm in Ireland in 2003. Although no fatalities were associated with these failures, there was a significant environmental impact. Wind farms tend to be constructed in high moorland areas which are associated with significant peat deposits (typically blanket bogs). There is a potential for peat instability to occur, particularly where deposits are in excess of 1 m thick. Peat instability is influenced by many factors, including, but not limited to, peat thickness, hill slope gradient, underlying geology and subsurface hydrology.

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 (Smith, L.T., (Ed), 1910). 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 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, RA (1995) 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 (Inram H.A.P, 1978), typically less than 0.5 m thick; which exists between the growing bog surface and the lowest position of the water table in dry summers. Below this are various stages of decomposition of the vegetation as it slowly becomes assimilated into the body of the peat.

For geotechnical purposes the degree of decomposition (humification) can be estimated in the field by applying the 'squeezing test' proposed by von Post and Grunland, (1926). The humification value ranges from H1 (no decomposition) to H10 (highly decomposed). The extended system set out by Hobbs, 1986 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.

2.2 Peat Shear Strength

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

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

As noted previously, the acrotelm or near surface peat comprises a tangle of fresh and slightly rotted roots and vegetable fibres. These roots and fibres impart a significant tensile shear strength capacity to the material which provides it with 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 shear strength of a sample and the thickness of overburden above it.

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

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.
- 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. Error! Reference source not found. noted that forest tracks can act to retard or concentrate the downslope flow of water and thus aid its penetration into the slope below. Such a mechanism has been observed at a number of recent landslips that have affected the road network in Scotland.
- Natural Drainage – some of the precipitation falling onto a natural upland peat bog would be absorbed into the low permeability catotelm peat. However, most of the water would run-off as sheet flow through upper, high permeability acrotelm. Thus, the water is transmitted to the lower slopes in a reasonably controlled manner through a range of interconnections that operate at different scales and speed. Failure to understand this and to disrupt the transmission process for the groundwater could result in instability.
- Artificial Drainage – Where artificial drainage has been used to improve the quality of 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.

2.3 Peat Mass Stability

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

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

Types of Failure

The result of instability in peat is the downslope 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 (Dykes & Kirk, 2001);
- 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 (Dykes & Kirk, 2001); and
- Bog Slide – an intermediate form of instability where failure occurs on a surface within the peat mass with rafts of surface vegetation being carried by the movement of a mass of liquid peat.

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 areas of higher susceptibility to bog burst failure are given below:

- peat thickness in excess of 1.5 m with no upper limit;
- shallow gradients, generally within the range of 2° to 10°, peat thicker than 1.5 m is generally not observed on slopes steeper than 10°, also moisture content is generally reduced on steeper slopes due to drainage);
- ground which is annually waterlogged to within the upper 1 m below ground level, (the groundwater level may rise above this but rarely falls below) (Crisp, Dawes & Welch, 1964);
- greater humification of the lower catotelm within the waterlogged ground; and
- lower surface tensile strength of the fibrous peat and vegetation.

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

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 m;
- 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.

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.

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

3.0 Desk Based Review

3.1 Site Description

The Proposed Development is located immediately north-west of the village of Tweedsmuir and 19 km north of Moffat, situated entirely within the Scottish Borders Council area. The Proposed Development is currently an active commercial forestry area with ongoing harvesting/replanting operations. The location and layout of the Proposed Development are detailed on Figure 10.1.1 and Figure 10.1.2 with the red line boundary defining “the site” area.

Information and historic maps from the National Library of Scotland indicate that the Proposed Development has experienced limited changes over time. Using the OS One Inch 1885-1900, the site previously generally consisted of open, undulating, undeveloped land with minor areas of woodland to the south-east. In addition, on review of the OS One Inch 1955-1961, the site is still predominantly undeveloped land and it is evident that the development of commercial forestry occurred within the last 50 years.

The Proposed Development will comprise seven wind turbines and associated infrastructure including:

- associated turbine foundations and transformers;
- hardstanding areas for erecting cranes and laydown areas at each turbine location;

- series of new and upgraded on-site access tracks connecting each turbine;
- underground cables linking the turbines to the grid connection;
- on-site Battery Energy Storage System;
- substation compound including control building;
- temporary construction compound(s);
- temporary borrow pit search areas; and
- the recreational heritage trail.

Full details of the Proposed Development are provided in Chapter 3.

3.2 Topography

Based on the digital terrain model available from the British Geological Society (BGS) Geoindex, the Proposed Development area is characterised by an upland plateau, rounded tops and sloped gulleys. In general, the site has higher elevations in the east and the west and lower elevations towards the southern perimeter of the site. The highest elevations within the site boundary are Weird Law at 447 m AOD, Glenmuck Height at 472 m AOD. Outwith of the site White Knowe to the west is located at an elevation of 521 m AOD while to the east Bank Head is at 440 m AOD, Upper Oliver Dod is at 490 m AOD and Nether Oliver Dod is at 510 m AOD. The lowest elevations are present near the southern site boundaries, with elevations of approximately 250 m AOD at the site entrance off the A701.

3.3 Geology

Artificial Ground

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

Superficial Geology

BGS mapping indicates that the majority of the Proposed Development is covered by superficial deposits with bedrock noted at or near the surface. Glacial till and glaciofluvial deposits are noted across central and southern parts of the Proposed Development where watercourses are encountered generally trending north to south. Alluvium deposits are noted in lower-lying areas to the south, around the River Tweed.

Figure 10.1.3 contained within this Technical Appendix details the superficial geology BGS mapping overlaid across the Proposed Development.

Bedrock Geology

BGS mapping indicates there is a suite of rock units present within the Proposed Development. These units are predominantly comprised of Silurian and Ordovician metasedimentary such as metasandstone and metamudstones.

The following Paleozoic formations are mapped across the Proposed Development:

- The Mindork Formation - the predominant bedrock formation across the majority of the Proposed Development; and
- The Shinnel Formation – located along the north-western boundary of the Proposed Development only.

In addition, the North Britain Silurian-Devonian Calc-alkaline Dyke Suite is mapped 0.6 km to the north-west, composed of microdiorite and felsitic dykes.

Figure 10.1.4 contained within this Technical Appendix details the bedrock geology BGS mapping overlaid across the Proposed Development.

Structural Geology

A thrust fault is noted between the two bedrock units with a north-western and south-eastern trend, across the north-western extent of the site. Another inferred fault is noted within the centre of the site with a north-to-south trend.

3.4 Peatland Classification

The Scottish Government Carbon and Peatland Map (2016) shows that Class 3 peat soil is present across the majority of the Proposed Development with minor Class 5 peatland present in the north and south. No class 1 or 2 peatland is recorded on-site with the closest area of Class 1 peatland located adjacent to the western site boundary.

Class 3 peat deposits are not considered priority peatland although occasional peatland habitats can be found, most soils are carbon rich with localised areas of deeper peat. Mineral soils are mapped across the site adjacent to watercourses. Class 5 indicates that it is unlikely that peatland habitats are present in those areas and that soils are carbon-rich.

3.5 Mining

Following a review of publicly available records, there are no historical records of mining or mineral deposit sites within the area of the Proposed Development from BGS maps.

3.6 Quarrying

The BGS Geoindex indicates that there is no history of quarries within the Proposed Development.

3.7 Hydrology

Scotland's Environment Webmap indicates that the Proposed Development is located within two main surface water catchments; Kingledoors Burn and River Tweed. Areas in the north are drained by the Glenbow Burn, which discharges into the Kingledoors Burn Catchment. The Kingledoors Burn flows is located 0.7 km north-west of the Proposed Development and flows north-east discharging into the River Tweed.

The River Tweed serves as the catchment for the remaining watercourses. These are: Bield Burn, Gala Burn, Hallow Burn, Rigs Burn and Glenmuck Burn, all of which flow south-east across or adjacent to the River Tweed. Long Slack Burn lies to the south of the site and flows north-east to the River Tweed. The River Tweed generally flows in a north-easterly direction and extends for approximately 150 km east of the Proposed Development where it discharges into the North Sea at Berwick-Upon-Tweed.

3.8 Hydrogeology

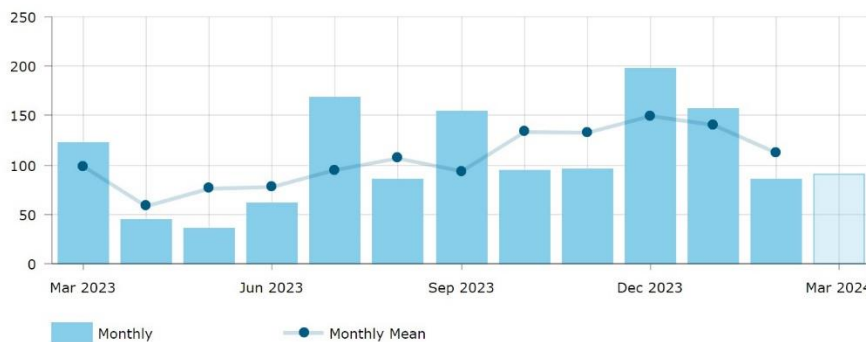
The SEPA environment map states that the Proposed Development is underlain by the Peebles, Galashiels and Hawick groundwater (ID: 150697) with an overall classification of 'Good' and the Upper Tweeddale Sand and Gravel groundwater (ID: 150738) with an overall classification of 'Poor'.

The BGS Geoindex indicates that the specific groundwater body underlying the Proposed Development are Silurian-Ordovician which is described as a low-productivity aquifer with small amounts of groundwater present in near-surface weathered zone and secondary fractures.

3.9 Rainfall

Periods of intense heavy rainfall are often seen as triggers for instability events. Rainfall data from the closest SEPA weather station, Kingledoors, shows the average monthly rainfall in the region from March 2023 until March 2024. The highest monthly rainfall was 197.2 mm in December 2023. The lowest monthly rainfall was 35.4 mm in May 2023.

Monthly Rainfall at Kingledoors Station



3.10 Environmental Designations

A review of the NatureScot SiteLink website indicates that no nationally designated sites are located within the site, however a review of the Scottish Borders Council List of Local Biodiversity Sites (LBS) indicates the Glenmuck Bog LBS is present on-site. The Glenmuck Bog is indicated as an area of unmodified blanket bog, valley mire, flush and species-rich marshy grassland along a small burn. In order to minimise the potential impacts on this area, any upgrading work on the existing track is recommended to take place on the south-east on the low angle slope of Weird Law to avoid the area of deeper peat on north-west side of the track. However, this existing track is already situated within the Glenmuck Bog LBS and any extension works would require further excavation into the Glenmuck Bog LBS.

The main sensitive receptors are the River Tweed SSSI and SAC and the Tweedsmuir Hills SSSI located 2.5 km east of the Proposed Development. The potential impact on these sites is deemed to be negligible, given their distance from the Proposed Development.

3.11 Utilities

A utility search highlighted only BT Openreach infrastructure running along the southern boundary of the Proposed Development site. Off-site services are located on the eastern area of the site at the village of Tweedsmuir and a settlement south-east of the Proposed Development at Menzion Farm.

3.12 Geomorphology

The Proposed Development site is generally characterised as an upland plateau with lower-lying areas to the south. The steepest slopes are present in the east and west, with higher elevations situated outwith the Proposed Development site, to the north. Geomorphological mapping is detailed on Figure 10.1.5.

Aerial Photography Interpretation and Site Observations

The aerial photographs were used to identify the major geomorphological features such as the breaks of slope and landslips. Geomorphological features of interest were identified during site visits when more detailed assessment was undertaken. Typical conditions observed throughout the Proposed Development site are shown below in Photos 1, 2, and 3.

Photo A: View facing south-east across moorland surrounding Turbine 4, taken from NGR 307399, 624264



Photo B: View facing east across drainage furrows in forestry towards Turbine 3, taken from NGR 307217, 624123.



Photo C: View facing east at waterbody beside track heading north-east to Turbine 5 and BP-C, taken from NGR 307589 , 624203.



Aerial photography using google earth was reviewed dating back to 1985 with images from up to 2023. Interpretation of available aerial photographs was undertaken to assess and identify evidence of historic peat instability. The photographs were examined using various techniques to highlight features of interest, such as:

- possible extension and/or compression features;
- areas of historic failure scars and debris;
- evidence of peat creep;
- areas with apparently poor drainage;

- areas with concentrations of surface drainage networks;
- steeply incised stream cuttings within peat deposits; and
- areas with peat drift recorded on steep slopes.

The main features are detailed below.

Peat Deposits

Peat deposits are not extensive across the Proposed Development site. Peat deposits are typically localised and associated with topographic lows, hollows, gentle slopes and flatter expanses that allow for the formation of peat. Observations from site visits indicate that some of the areas of peat across the Proposed Development site are blanket bog with modified heather. Areas of blanket bog are present in the north adjacent to Turbine 4 and Turbine 5. The blanket bog south of Turbine 5 is in a modified state with heather and self-seeded conifers. The Glenmuck Bog LBS is located at the north of Weird Law and extends 0.5 km south-east following the Hallow Burn.

Drainage

Natural drainage across the Proposed Development site is characterised by a network of streams and rivers associated with the Bield Burn, Gala Burn, Hallow Burn, Rigs Burn, Glenmuck Burn and the Long Slack watercourses.

There are extensive areas of anthropogenic drainage relating to the commercial forestry within the Proposed Development site. Most of these drainage furrows are north-to-south trending.

Forestry

Forestry is extensive throughout the Proposed Development site. These areas of forestry are coniferous in nature with associated drainage furrows.

Bedrock

The OS mapping and aerial photography indicates minimal exposures of bedrock across the Proposed Development site. This was confirmed during the walkovers where bedrock outcrops were mostly absent except at road cuttings exposed from creation of forestry access tracks.

Erosion Features

Peat haggling or peat erosion features were not identified during site walkovers or review of aerial photography.

Extension/Compression Features

There was no visible evidence in the aerial photographs or site walkovers of any extension or compression features in the peat.

In addition, it was not possible to identify evidence of any significant historic peat failures or slides on the site of the Proposed Development from the aerial photographs.

4.0 Site Work

4.1 Peat Surveys

Peat depth surveys have been undertaken by SLR over several phases. The surveys were carried out following best practice guidance for developments on peatland (Scottish Renewables & SEPA 2012 and SNH, SEPA, Scottish Government & James Hutton Institute, 2014) .

Phase 1 peat probing resulted in probing on a 100 m grid in developable areas to allow for initial assessment of the proposed development which was used in preliminary site layout designs. The Phase 2 peat probing involved detailed probing undertaken across the locations of the Proposed Development infrastructure, focusing on access tracks, turbine locations and other site infrastructure in response to design changes. Probing was not possible in areas of dense forestry or areas of felled forestry or wind-blown trees with no safe walking access and SLR acknowledge that there are limited gaps in the probing dataset but the data collected is considered adequate to undertake the assessment.

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

Where the probing recorded peat less than 0.5 m thick, this has been considered to be an organic/peaty soil rather than peat.

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

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

4.2 Peat Depth

The results from all probing exercises listed above in Section 4.1 are detailed in the following sections and the peat depths identified on-site are shown in Figure 10.1.6 and Figure 10.1.7. All probing data is provided in Annex A. A total of 1,986 peat probes were undertaken across all survey phases, with the results summarised in Table 1 below.

Table 1 - Peat Probing Results

Peat Thickness (m)	No. of Probes	Percentage (of total probes undertaken on-site)
0 (no peat)	58	2.9
0.01 – 0.49 (peaty soil)	1635	82.3
0.50 – 0.99	184	9.3
1.00 – 1.49	73	3.7
1.50 – 1.99	15	0.8
2.00 – 2.49	8	0.4
2.50 – 2.99	3	0.2
3.00 – 3.49	0	0.0
3.50 – 3.99	2	0.1
> 4.0	8	0.4

The peat was found to vary across the Proposed Development site in terms of thickness and coverage. The slopes on-site are detailed on Figure 10.1.8. When viewed in conjunction with peat depth figures, it is evident that the peat is generally limited to flatter-lying topographic areas. There were localised areas of peat, defined by topography and undulating bedrock. Deeper peat was generally encountered in flatter, lower-gradient areas of the Proposed Development.

Localised deep peat deposits (>1 m) are located at T4, turning circle south-east of T4, east of T5 turning circle and within the BP-C area. There are areas of localised peat <1 m at T3 and T7.

4.3 Peat Condition

Peat is described using the von Post classification. Peat samples were collected by SLR in December 2023, using a peat auger and used to inform interpretations of the peat condition and underlying substrate.

Based on interpretations from probing and peat core samples, the peat within the Proposed Development is predominantly fibrous to pseudo-fibrous. Most of the shallow peat would be classified as between H2 and H5 in the von Post classification, showing insignificant to moderate decomposition. Peat Core logs and photographs are presented within Annex B.

4.4 Substrate

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

- granular (sand and/or gravel/weathered rock), of glacial origin and occasionally interbedded with silty sands; and

- rock, no rock samples were recovered from the probe locations although where exposed (road cuttings), the rock is seen to be metasedimentary.

Limited cohesive horizons were interpreted by the probing and encountered at the base of peat coring. However, it is likely that any cohesive material is weathered silty material at the top of the weathered glacial material.

5.0 Hazard and Risk Assessment

5.1 Introduction

The Scottish Government Guidance provides an overview of the principles of hazard and risk with respect to peat landslides. The guidance is noted as illustrative only and the applicants can present their own methodology providing, it is clearly explained and incorporates consideration of the likelihood of instability and the consequences should it occur. The following sections detail the preferred methodology used within this assessment.

A 'Hazard Ranking' system has been applied based on the analysis of risk of peat slide as outlined in the Scottish Government Guidance. This is applied on the principle:

Hazard Ranking = Hazard x Exposure

This philosophy can be applied to the assessment carried out so far in the following approach:

Hazard Ranking = Risk Rating x Impact Rating

5.2 Methodology

The determination of Risk Rating and Impact Rating values is based on a number of variables which impact the likelihood of a peat slide and the relative importance of these variables specific to the Proposed Development.

Similarly, the consequences or exposure to receptors is dependent on variables including the particular scale of a peat slide, the distance it will travel, and the sensitivity of the receptor.

In the absence of a pre-defined system, the approach to determining and categorising Risk Rating and Impact Rating is determined on a site-by-site basis. The particular system adopted for the PLHRA is outlined in the following sections.

5.3 Slope Stability

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

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

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

The natural moisture content and undrained shear strength of the peat are important; however, it is generally accepted that where present, the peat would be saturated and have a very low strength. It is believed to be unrealistic to rely on specific values of shear strength to maintain stability when back analysis of failed slopes indicates that there is often a significant discrepancy between measured strength in peat and stability. Shear strength has been assumed to be constant and worst case, throughout this assessment. It has also been assumed, as a worst case, that the groundwater level is coincident with the ground surface.

5.4 Risk Rating

The potential for a peat slide to occur during the construction of a wind farm depends on several factors, the importance of which can vary from site to site. The factors requiring consideration would typically include:

- peat depth;

- slope gradient;
- substrate material; and
- evidence of instability or potential instability.

Of these, peat depth and slope gradient are considered to be principal factors. Without a sufficient peat depth and a prevailing slope, the peat slide hazard would be negligible.

The rating system outlined below differs slightly from that proposed in the Scottish Government Guidance 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 probability of a peat landslide 'Risk Rating' (score) was derived by multiplying the coefficients for the four key factors (with historic instability as 1) 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 assessment, the following rating system was applied as shown in Table 2.

Table 2 - Probability of Peat Landslide

Risk Rating Coefficient	Potential Stability Risk (Pre-Mitigation)	Action
<5	Negligible	No mitigation action required.
5 - 15	Low	Development of a site-specific construction and management plan for peat areas.
16 - 30	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 where possible. 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.

Peat Depth

Table 3 shows the peat depth ranges and their related peat depth coefficients. The ground conditions were assessed by using peat depths recorded during peat probing. Thin peat was classed as being 0.5 m to 1.5 m thick, with deposits in excess of this being classed as thick. The thickness ranges used are intended to reflect the risk of instability associated with both peat slides (in thin peat) and bog slides. Where the probing recorded peat less than 0.5 m thick, this has been considered to be an organic soil rather than peat and are outside the scope of this assessment.

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 3 - Coefficients for Peat Depth

Peat Depth Range	Description	Peat Depth Coefficients
(<0.5 m)	Peaty/organic soil	0
(0.5 – 1.5 m)	Thin Peat	2
(>1.5 m)	Thick Peat	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.

Slope Gradients

Table 4 gives the coefficients applied to the categorised slope angles. The slope gradients were assessed by reference to the mapping and particularly the DTM which was used to generate a slope map (Figure 10.1.8), from which the gradient at each probe location could be determined and input into the risk rating spread sheet (Annex A). The gradient quoted at each location was based on the average gradient over a 5 m grid.

Coefficients for slope gradient have been assigned to ensure the potential for both peat slides (gradients of 4-15) and bog slides (gradients of 2-10) are addressed. 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 to >12 (the practical maximum gradient on which peat is commonly observed) has been applied.

Table 4 - Coefficients for Slope Gradients

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

Substrate

Table 5 shows the substrate type and their related substrate coefficient. As noted above, most failures in thin peat layers occur at the interface with the underlying substrate; the nature of the substrate has an influence on the probable level of stability.

Peat failures often occur within glacial till deposits in which an iron pan is observed in the upper few centimetres (Dykes & Warburton, 2007). They have also been observed over glacial till without an obvious iron pan, or over impermeable bedrock. They are rarely cited over permeable bedrock as the formation of peat deposits is deemed to be less likely.

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 the 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.

Table 5 - Coefficients for Substrate

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

Probing across the Proposed Development indicated primarily granular and bedrock substrates using the refusal method. This was confirmed by coring at selected locations across the proposed infrastructure.

Results

The table of results, included in Annex A, shows that 1,986 probe locations were identified within the extent of the Digital Terrain Model, peat (>0.5 m) was present at 293 locations. The stability risk rating identified the following:

- No peat was recorded at 58 locations (3%), hence no risk;
- Negligible risk at 1,735 (87%) probe locations;
- Low risk at 183 (9%) locations;
- Medium risk at 10 (1%) locations; and
- High risk at 0 (0%) locations.

Figure 10.1.9 presents the interpreted risk of peat instability based on the multiplication of the risk coefficients discussed above in Table 3 to Table 5.

The proposed recreational heritage trail is located in areas of less than 0.5 m of peat and areas of negligible slide risk. It is therefore recommended that no further mitigation is required for the proposed recreational heritage trail.

5.5 Impact Rating

An assessment of the receptors 'Impact Rating' of the medium and high-risk locations has been undertaken (low risk locations do not require site specific mitigation). It should be noted that the impact assessment is primarily concerned with impacts that affect the environment, ecology, public or infrastructure associated with the Proposed Development, both on-site and potentially off-site. This assessment does 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 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 the Proposed Development; but rather to assess the effect a particular infrastructure feature (track, wind turbine, substation, etc.) would have on the structures or features surrounding it. By adopting such an approach, the assessment of infrastructure features where a risk ranking of 'negligible' or 'low' (assessed in the stability risk assessments described above) is discounted from further assessment.

The impact rating coefficient (score) is derived by multiplying the receptor ranking coefficient (score) by the distance coefficient (score) and the elevation coefficient (score) for each impact receptor associated with a particular infrastructure feature. The ranking process by attributing the different weighting systems to each factor is detailed in the following sub-sections.

Receptor Ranking

Receptors are generally nearby structures or features that may be affected by peat movements caused during or following construction. Generally, only receptors immediately down the gradient of the infrastructure feature could be affected by peat instability therefore the first phase of feature ranking requires topographic ridges and valleys to be identified across the Proposed Development and surrounding area. From this, receptors at risk from particular infrastructure features can be identified. However, should instability occur on a steep slope, there is the risk of the back scarp of the instability migrating up-slope, thereby affecting areas previously considered not to be at risk.

The main receptors located within the Proposed Development and surrounding area which could potentially be affected in the event of a peat slide; are primarily watercourses and associated tributaries, existing tracks and paths and the Proposed Development infrastructure.

Following the identification of receptors at risk, these are ranked according to their size and sensitivity. Table 6 presents the coefficients placed on particular receptor types.

Table 6 - Coefficients for 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

Receptor Proximity

The proximity of an impact receptor is also critical in assessing the likely level of disruption it may suffer following an instability event. Based on this, two further coefficients – distance from infrastructure feature and relative elevation differences between the infrastructure feature and impact receptor - are applied in deriving an impact ranking. Table 7 and Table 8 present the coefficients derived for distance and elevation of impact receptors.

Table 7 - Coefficient for Receptor Proximity

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

Table 8 - Coefficient for Impact Feature Elevation

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

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

5.6 Hazard Ranking

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

Table 9 - Rating Normalisation

Risk Rating		Impact Rating	
Current Scale	Normalised Scale	Current Scale	Normalised Scale
Negligible 0 - 5	1	Very Low <10	1
Low 6 - 15	2	Low 11 - 20	2
Medium 16 - 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 the probability of landslide, adverse consequence and hazard developed by SLR 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 (2017). The Hazard Ranking scale does equate to the Scottish Government (2017) scale, with rankings divided over five 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 (2017) Guidance, as illustrated in Table 10.

Table 10 - Hazard Ranking

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

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

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

The stability risk assessment results presented in Table 11 shows the calculated hazard ranking associated with every location where there is a stability risk of medium or above, at or close to

infrastructure. The particular mitigation measures to reduce the risk of instability occurring are dependent upon location and the type of proposed structure. Proposed mitigation measures and actions already undertaken to reduce the risk of peat instability occurring are also identified in Table 11, together with the associated, revised hazard ranking. A more detailed discussion of the possible mitigation measures is presented in Section 6.0.

6.0 Slide Risk and Mitigation

6.1 Overview

A number of mitigation measure can be implemented to further reduce the risk levels identified across the Proposed Development site. These range from infrastructure specific measures to general good practice that should be applied across the Proposed Development to increase awareness of peat instability and enable early identification of potential displacement and opportunities for mitigation.

Risks may be mitigated by:

- Undertaking site specific stability analysis using better quality geotechnical data, final design loads for infrastructure and detailed ground models in areas of specific concern.
- Precautionary construction measures – including use of monitoring, good practice and a geotechnical risk register relevant to all locations.

Mitigation measures are provided below specific to each area of “Medium” risk. These mitigation measures will also help further reduce “Low” and “Negligible” risks to potential receptors. Sections 6.3 to 6.4 provide information on good practice pre-construction, during construction and post-construction (i.e. during operation).

6.2 Proposed Mitigation

As noted in Figure 10.1.9, 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 6.3 to 6.4.

The areas of the Proposed Development infrastructure that were rated as medium risk, or above, were subjected to a hazard assessment; a number of areas were discounted as they do not fall within influencing distance of any of the key proposed site infrastructure. The procedure adopted was to review the peat slide risk data and identify those areas with a medium risk or greater, that were in close proximity or influencing distance of any of the Proposed Development infrastructure or watercourses. Those risk areas where there is no development would not affect the natural stability of the peat.

Table 11 lists the 1 location that has been identified to have a “Medium” risk of peat instability on the Proposed Development infrastructure. A variety of mitigation measures are recommended to reduce the risk of peat instability. Analysis of each location has shown that all can be mitigated to a Hazard Ranking of “Insignificant”

Table 11 - Risk Register

Location	Key Receptor	Risk Rating	Impact Rating	Hazard Ranking	Mitigation	Revised Hazard Ranking
1	Unnamed watercourse	Medium	Very Low	Insignificant	Existing access track impacted by localised areas of thick peat overlying granular soils. Minimal change in elevation from risk location to watercourse should negate risk of a peat slide. Micrositing track upgrades out of thick peat and onto the eastern side of the track away from the receptor would also mitigate against any risk.	Insignificant

6.3 Good Practice During Construction

The paragraphs below detail good practice that is recommended during construction. These measures are considered 'embedded mitigation' for the purposes of the assessment, and have been assumed to be in place for the purposes of the assessment presented in the EIA Report:

For excavated groundworks:

- Use of appropriate supporting structures around peat excavations to prevent collapse and the development of tension cracks.
- Avoid cutting trenches or aligning excavations across slopes (which may act as incipient head scarps for peat failures) unless appropriate mitigation has been put in place.
- Implement methods of working that minimise the cutting of the toes of slopes, e.g. working up-to downslope during excavation works.
- Monitor the ground upslope of excavation works for creep, heave, displacement, tension cracks, subsidence or changes in surface water content.
- Monitor cut faces for changes in water discharge, particularly at the peat-substrate contact.
- Minimise the effects of construction on natural drainage by ensuring natural drainage pathways are maintained or diverted such that there is no significant alteration of the hydrological regime of the Proposed Development site; drainage plans should avoid creating drainage/infiltration areas or settlement ponds towards the tops of slopes (where they may act to both load the slope and elevate pore pressures).

For cut tracks:

- Maintain drainage pathways through tracks to avoid ponding of water upslope.
- Monitor the top line of excavated peat deposits for deformation post-excavation.
- Monitor the effectiveness of cross-track drainage to ensure it water remains free-flowing and that no blockages have occurred.

For floating tracks:

- Prior to the construction, setting out the centre-line of the proposed track should include a walk over performed by the site manager or general foreman, along with the suitably qualified Geotechnical Engineer, and appropriate ECoW. This should be carried out to check that the ground conditions/drainage paths are as expected, and “fine-tuning/micrositing” of the alignment if required.
- Weather policy should be agreed and implemented during works, e.g. identifying ‘stop’ rules (i.e. weather dependent criteria) for cessation of track construction or trafficking (e.g. allowing tracks to thaw following periods of hard frost).
- Allow peat to undergo primary consolidation by adopting rates of road construction appropriate to weather conditions.

For storage of peat:

- Ensure stored peat is not located in areas identified with ‘Medium’ or higher peat landslide likelihoods.
- Undertake site specific stability analysis for all areas of peat storage to ensure the likelihood of destabilisation of underlying peat is minimised. Analysis should consider the slope angle of the storage location, the thickness of peat being stored and being loaded and use representative parameters for both the stored and underlying peat.
- Avoid storage of peat in areas of peat >1.5 m in depth.
- Minimise haul distances for peat, storing as near to excavation as possible.
- Monitor effects of wetting / re-wetting stored peat on surrounding peat areas, and prevent water build up on the upslope side of peat mounds. Mitigate any run-off.

In addition to these control measures, the following good practice should be followed:

- A geotechnical risk register (GRR) should be prepared for the Proposed Development following intrusive investigations post-consent and location specific stability analyses – the risk register should be considered a live document and updated with site experience as infrastructure is constructed.
- All construction activities and operational decisions that involve disturbance to peat deposits should be overseen by an appropriately qualified geotechnical engineer with experience of construction on peat sites.
- Awareness of peat instability and pre-failure indicators should be incorporated in site induction and training to enable all site personnel to recognise ground disturbances and features indicative of incipient instability.

- Monitoring checklists should be prepared with respect to peat instability addressing all construction activities proposed for the site.

6.4 Good Practice During Operation

Following cessation of construction activities, the following activities will be built into any monitoring of groundworks undertaken for the Proposed Development:

- Ponding on the upslope side of infrastructure sites and on the upslope side of access tracks.
- Subsidence and lateral displacement of tracks.
- Blockage or underperformance of the installed site drainage system.
- Slippage or creep of stored peat deposits.
- Development of tension cracks, compression features, bulging or quaking bog anywhere in a 50 m buffer surrounding the Proposed Development of any construction activities or site works.

This monitoring should be undertaken on a quarterly basis in the first year after construction, bi-annually in the second year after construction and annually thereafter; in the event that unanticipated ground conditions arise during construction, the frequency of these intervals should be reviewed, revised and justified accordingly.

7.0 Conclusion

This Technical Appendix 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. The Proposed Development has been assessed for potential hazards associated with peat instability; the assessment has been based on:

- a walk-over survey by an experienced geotechnical engineer;
- 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 1,986 locations in areas of identified peaty soil/peat to determine the thickness thereof.

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

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

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

This Technical Appendix should be considered as the first stage in the development of a fundamental understanding of the various inter-relationships that govern and control the peat lands at the Proposed Development site.

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

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

More detailed ground investigations will be undertaken to facilitate the geotechnical design of the various foundations and access track, particularly the vertical and horizontal alignment. These will be incorporated into the CEMP which will be submitted to the Determining Authority for approval prior to any site works commencing.

It is not the purpose of this Technical Appendix to provide a detailed scope for the investigation; 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 excavated track design.

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ANNEX A - PEAT SLIDE DATA

ANNEX B - PEAT CORING DATA

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
2	309289.00	625502.00	0.4	Soil	Granular	25	Peaty Soil	0	8	1	0	Negligible
3	309100.00	625609.00	0.3	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
4	309195.00	625703.00	0.3	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
5	309291.00	625806.00	0.2	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
6	309105.00	625690.00	0.2	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
7	309000.00	625509.00	0.2	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
8	309095.00	625511.00	0.0	Soil	Granular	11	No Peat	0	6	1	0	None
9	309200.00	625509.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
10	309300.00	625609.00	0.3	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
11	309300.00	625709.00	0.5	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
12	309200.00	625609.00	0.2	Peat	Granular	14	Peaty Soil	0	8	1	0	Negligible
13	309393.00	625510.00	0.5	Peat	Granular	12	Peaty Soil	0	6	1	0	Negligible
14	308902.00	624804.00	0.0	Soil	Granular	21	No Peat	0	8	1	0	None
15	309103.00	624909.00	0.0	Soil	Granular	13	No Peat	0	8	1	0	None
16	309208.00	625105.00	0.2	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
17	309300.00	625309.00	0.2	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
18	309291.00	625409.00	0.3	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
19	309213.00	625404.00	0.2	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
20	309179.00	625306.00	0.2	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
21	309090.00	625212.00	0.2	Peat	Granular	15	Peaty Soil	0	8	1	0	Negligible
22	309100.00	625409.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
23	309004.00	625398.00	0.1	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
24	308988.00	625305.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
25	309092.00	625308.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
26	309108.00	625119.00	0.1	Peat	Granular	20	Peaty Soil	0	8	1	0	Negligible
27	309147.00	625075.00	0.1	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
28	309111.00	624994.00	0.2	Peat	Granular	4	Peaty Soil	0	4	1	0	Negligible
29	309002.00	624903.00	0.1	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
30	309200.00	624909.00	0.2	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
31	309214.00	624813.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
32	309191.00	624858.00	0.2	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
33	309304.00	624901.00	0.1	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
34	309333.00	624938.00	0.7	Peat	Granular	10	Thin Peat	2	6	1	12	Low
35	309400.00	624909.00	0.3	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
36	309500.00	624909.00	0.3	Peat	Granular	2	Peaty Soil	0	1	1	0	Negligible
37	309601.00	624909.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
38	309500.00	624809.00	0.1	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
39	309409.00	625409.00	0.6	Peat	Granular	8	Thin Peat	2	6	1	12	Low
40	309500.00	625309.00	0.1	Soil	Rock	14	Peaty Soil	0	8	2	0	Negligible
41	309500.00	625209.00	0.2	Soil	Rock	9	Peaty Soil	0	6	2	0	Negligible
42	309400.00	625107.00	0.0	Soil	Rock	11	No Peat	0	6	2	0	None
43	309399.00	625208.00	0.4	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
44	309500.00	625109.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
45	309600.00	625109.00	0.1	Soil	Rock	2	Peaty Soil	0	1	2	0	Negligible
46	309700.00	625109.00	0.1	Soil	Rock	7	Peaty Soil	0	4	2	0	Negligible
47	309700.00	625009.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
48	309600.00	625009.00	0.1	Soil	Rock	11	Peaty Soil	0	6	2	0	Negligible
49	309500.00	625009.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
50	309400.00	625009.00	0.4	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
51	309300.00	625009.00	0.3	Peat	Rock	19	Peaty Soil	0	8	2	0	Negligible
52	309201.00	625009.00	0.3	Peat	Granular	21	Peaty Soil	0	8	1	0	Negligible
53	309242.00	624894.00	1.3	Peat	Granular	9	Thin Peat	2	6	1	12	Low
54	309200.00	624909.00	0.3	Peat	Granular	17	Peaty Soil	0	8	1	0	Negligible
55	309300.00	624908.00	0.3	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
56	309200.00	624809.00	0.3	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
57	309300.00	624809.00	0.1	Soil	Rock	9	Peaty Soil	0	6	2	0	Negligible
58	309400.00	624909.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
59	309499.00	624909.00	0.3	Peat	Rock	2	Peaty Soil	0	1	2	0	Negligible
60	309600.00	624908.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
61	309405.00	625312.00	0.3	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
62	309346.00	624789.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
63	309400.00	624809.00	0.2	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
64	309002.00	624808.00	0.2	Peat	Granular	12	Peaty Soil	0	8	1	0	Negligible
65	309000.00	625009.00	0.4	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
66	309000.00	625109.00	0.3	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
67	309000.00	625209.00	0.3	Peat	Granular	15	Peaty Soil	0	8	1	0	Negligible
68	308800.00	625109.00	0.4	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
69	308900.00	625109.00	0.3	Peat	Granular	12	Peaty Soil	0	6	1	0	Negligible
70	308699.00	625009.00	0.5	Peat	Granular	4	Peaty Soil	0	4	1	0	Negligible
71	308800.00	625008.00	0.5	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
72	308600.00	624909.00	0.3	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
73	308700.00	624909.00	0.5	Peat	Granular	3	Peaty Soil	0	2	1	0	Negligible
74	308600.00	624808.00	0.4	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
75	308500.00	624809.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
76	308500.00	624909.00	0.6	Peat	Granular	6	Thin Peat	2	4	1	8	Low
77	308400.00	624909.00	0.6	Peat	Granular	10	Thin Peat	2	6	1	12	Low
78	308300.00	624909.00	0.3	Peat	Granular	14	Peaty Soil	0	8	1	0	Negligible
79	308399.00	624809.00	1.3	Peat	Granular	6	Thin Peat	2	4	1	8	Low
80	308300.00	624809.00	0.3	Peat	Granular	1	Peaty Soil	0	1	1	0	Negligible
81	308200.00	624809.00	0.4	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
82	308718.00	624783.00	0.3	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
83	308799.00	624908.00	0.3	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
84	308900.00	624909.00	0.3	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
85	308836.00	624863.00	0.3	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
86	308796.00	624808.00	0.2	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
87	308000.00	624809.00	0.2	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
88	308098.00	624810.00	0.1	Peat	Granular	33	Peaty Soil	0	8	1	0	Negligible
89	308102.00	624907.00	0.3	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
90	308198.00	624909.00	0.1	Peat	Granular	27	Peaty Soil	0	8	1	0	Negligible
91	308487.00	624883.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
92	308487.00	624877.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
93	308499.00	624880.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
94	308495.00	624873.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
95	308485.00	624863.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
96	308483.00	624854.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
97	308494.00	624862.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
98	308492.00	624853.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
99	308491.00	624841.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
100	308482.00	624843.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
101	308487.00	624831.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
102	308480.00	624833.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
103	308487.00	624822.00	0.7	Peat	Granular	7	Thin Peat	2	4	1	8	Low
104	308478.00	624825.00	0.4	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
105	308478.00	624813.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
106	308487.00	624811.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
107	308497.00	624821.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
108	308507.00	624818.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
109	308496.00	624811.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
110	308519.00	624818.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
111	308525.00	624804.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
112	308516.00	624808.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
113	308506.00	624809.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
114	308521.00	624827.00	0.5	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
115	308527.00	624816.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
116	308530.00	624826.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
117	308529.00	624835.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
118	308521.00	624837.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
119	308511.00	624831.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
120	308501.00	624831.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
121	308510.00	624841.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
122	308502.00	624841.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
123	308503.00	624851.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
124	308513.00	624848.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
125	308503.00	624859.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
126	308517.00	624859.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
127	308522.00	624847.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
128	308524.00	624857.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
129	308533.00	624844.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
130	308534.00	624855.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
131	308672.00	624832.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
132	308724.00	624822.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
133	308769.00	624806.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
134	308548.00	624842.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
135	308533.00	624844.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
136	308542.00	624845.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
137	308541.00	624832.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
138	308539.00	624824.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
139	308547.00	624815.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
140	308559.00	624822.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
141	308570.00	624831.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
142	308560.00	624831.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
143	308550.00	624832.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
144	308568.00	624819.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
145	308580.00	624819.00	0.5	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
146	308580.00	624828.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
147	308580.00	624839.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
148	308591.00	624836.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
149	308598.00	624824.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
150	308598.00	624814.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
151	308588.00	624816.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
152	308618.00	624811.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
153	308629.00	624819.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
154	308639.00	624817.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
155	308641.00	624827.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
156	308651.00	624826.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
157	308648.00	624816.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
158	308637.00	624808.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
159	308656.00	624783.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
160	308708.00	624778.00	0.5	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
161	308647.00	624806.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
162	308618.00	624822.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
163	308630.00	624829.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
164	308620.00	624830.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
165	308601.00	624834.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
166	308609.00	624823.00	0.4	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
167	308589.00	624826.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
168	308535.00	624804.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
169	308537.00	624815.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
170	308545.00	624802.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
171	308543.00	624854.00	0.4	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
172	308562.00	624841.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
173	308571.00	624839.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
174	308611.00	624833.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
175	308626.00	624809.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
176	308479.00	624888.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
177	308467.00	624888.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
178	308456.00	624887.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
179	308449.00	624889.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
180	308438.00	624891.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
181	308466.00	624877.00	0.7	Peat	Granular	6	Thin Peat	2	4	1	8	Low
182	308476.00	624875.00	0.4	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
183	308454.00	624880.00	0.8	Peat	Granular	6	Thin Peat	2	4	1	8	Low
184	308448.00	624880.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
185	308437.00	624882.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
186	308435.00	624873.00	0.7	Peat	Granular	6	Thin Peat	2	4	1	8	Low
187	308445.00	624870.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
188	308444.00	624860.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
189	308433.00	624861.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
190	308454.00	624868.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
191	308453.00	624859.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
192	308465.00	624858.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
193	308464.00	624866.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
194	308474.00	624864.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
195	308473.00	624854.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
196	308470.00	624847.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
197	308461.00	624848.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
198	308468.00	624838.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
199	308459.00	624839.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
200	308451.00	624849.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
201	308442.00	624850.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
202	308432.00	624852.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
203	308450.00	624840.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
204	308441.00	624840.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
205	308430.00	624842.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
206	308428.00	624833.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
207	308438.00	624830.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
208	308448.00	624830.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
209	308458.00	624827.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
210	308472.00	624828.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
211	308465.00	624816.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
212	308695.00	624800.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
213	308743.00	624788.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
214	308671.00	624812.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
215	308687.00	624832.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
216	308687.00	624820.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
217	308684.00	624808.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
218	309191.00	624207.00	0.0	Soil	Granular	10	No Peat	0	6	1	0	None
219	309098.00	624209.00	0.0	Soil	Granular	13	No Peat	0	8	1	0	None
220	308316.00	624212.00	0.0	Soil	Granular	6	No Peat	0	4	1	0	None
221	308387.00	624324.00	0.5	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
222	308310.00	624433.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
223	308301.00	624523.00	0.3	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
224	308510.00	624616.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
225	308601.00	624611.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
226	308800.00	624703.00	0.0	Soil	Granular	11	No Peat	0	6	1	0	None
227	308896.00	624713.00	0.2	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
228	308393.00	624610.00	0.2	Peat	Granular	15	Peaty Soil	0	8	1	0	Negligible
229	308289.00	624614.00	0.2	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
230	308197.00	624616.00	0.1	Peat	Granular	4	Peaty Soil	0	2	1	0	Negligible
231	307784.00	624308.00	0.0	Soil	Granular	24	No Peat	0	8	1	0	None
232	307784.00	624308.00	0.0	Soil	Granular	24	No Peat	0	8	1	0	None
233	307601.00	624206.00	5.4	Peat	Granular	10	Thick Peat	3	6	1	18	Medium
234	309400.00	624709.00	0.2	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
235	309374.00	624650.00	0.2	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
236	309300.00	624609.00	0.2	Peat	Granular	12	Peaty Soil	0	8	1	0	Negligible
237	309400.00	624609.00	0.2	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
238	309507.00	624704.00	0.2	Peat	Granular	19	Peaty Soil	0	8	1	0	Negligible
239	309502.00	624605.00	0.1	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
240	309500.00	624509.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
241	309399.00	624509.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
242	309300.00	624509.00	0.1	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
243	309200.00	624409.00	0.2	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
244	309101.00	624409.00	0.2	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
245	309100.00	624509.00	0.1	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
246	309187.00	624506.00	0.2	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
247	309102.00	624608.00	0.1	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
248	309000.00	624609.00	0.3	Peat	Granular	4	Peaty Soil	0	4	1	0	Negligible
249	308900.00	624609.00	0.4	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
250	309300.00	624710.00	0.2	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
251	309198.00	624707.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
252	309200.00	624609.00	0.2	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
253	309100.00	624709.00	0.2	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
254	309000.00	624709.00	0.3	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
255	308974.00	624645.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
256	309000.00	624509.00	0.3	Peat	Granular	15	Peaty Soil	0	8	1	0	Negligible
257	308900.00	624509.00	0.3	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
258	308802.00	624508.00	0.1	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
259	308700.00	624509.00	0.2	Peat	Granular	12	Peaty Soil	0	8	1	0	Negligible
260	308600.00	624509.00	0.2	Peat	Granular	14	Peaty Soil	0	8	1	0	Negligible
261	308504.00	624513.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
262	308452.00	624470.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
263	308424.00	624496.00	0.3	Peat	Granular	14	Peaty Soil	0	8	1	0	Negligible
264	308400.00	624509.00	0.4	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
265	308605.00	624405.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
266	308667.00	624398.00	1.4	Peat	Granular	6	Thin Peat	2	4	1	8	Low
267	308605.00	624309.00	0.9	Peat	Granular	13	Thin Peat	2	8	1	16	Medium
268	308700.00	624409.00	0.4	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
269	308700.00	624309.00	0.3	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
270	308798.00	624407.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
271	308900.00	624409.00	0.1	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
272	309000.00	624409.00	0.2	Peat	Granular	17	Peaty Soil	0	8	1	0	Negligible
273	309100.00	624308.00	0.2	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
274	309000.00	624309.00	0.4	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
275	308900.00	624309.00	0.3	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
276	308800.00	624309.00	0.3	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
277	308798.00	624205.00	0.3	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
278	308108.00	624710.00	0.4	Peat	Rock	14	Peaty Soil	0	8	2	0	Negligible
279	308200.00	624709.00	0.5	Peat	Granular	4	Peaty Soil	0	2	1	0	Negligible
280	308300.00	624709.00	1.0	Peat	Granular	4	Thin Peat	2	2	1	4	Negligible
281	308408.00	624681.00	0.4	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
282	308504.00	624704.00	0.2	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
283	308599.00	624714.00	0.4	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
284	308701.00	624709.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
285	308700.00	624209.00	2.4	Peat	Granular	5	Thick Peat	3	4	1	12	Low
286	308676.00	624190.00	0.9	Peat	Granular	4	Thin Peat	2	4	1	8	Low
287	308634.00	624180.00	0.9	Peat	Granular	4	Thin Peat	2	4	1	8	Low
288	308900.00	624209.00	0.2	Peat	Granular	12	Peaty Soil	0	6	1	0	Negligible
289	309000.00	624209.00	0.1	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
290	308099.00	624208.00	0.2	Peat	Granular	12	Peaty Soil	0	8	1	0	Negligible
291	307999.00	624209.00	0.2	Peat	Rock	28	Peaty Soil	0	8	2	0	Negligible
292	307899.00	624308.00	0.5	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
293	307800.00	624409.00	0.4	Peat	Granular	14	Peaty Soil	0	8	1	0	Negligible
294	307700.00	624508.00	0.2	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
295	307700.00	624409.00	1.5	Peat	Granular	16	Thin Peat	2	8	1	16	Medium
296	307700.00	624309.00	0.5	Peat	Granular	2	Peaty Soil	0	2	1	0	Negligible
297	307600.00	624309.00	0.3	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
298	307601.00	624410.00	1.0	Peat	Granular	8	Thin Peat	2	4	1	8	Low
299	307500.00	624410.00	1.2	Peat	Granular	6	Thin Peat	2	4	1	8	Low
300	307499.00	624308.00	0.3	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
301	307400.00	624408.00	1.6	Peat	Granular	5	Thick Peat	3	4	1	12	Low
302	307399.00	624308.00	1.1	Peat	Granular	10	Thin Peat	2	6	1	12	Low
303	307301.00	624309.00	1.4	Peat	Granular	4	Thin Peat	2	4	1	8	Low
304	307400.00	624208.00	0.4	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
305	307300.00	624208.00	0.3	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
306	307199.00	624208.00	0.6	Peat	Granular	9	Thin Peat	2	6	1	12	Low
307	307100.00	624208.00	0.5	Peat	Granular	12	Peaty Soil	0	6	1	0	Negligible
308	307500.00	624209.00	0.4	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
309	307700.00	624209.00	1.5	Peat	Granular	4	Thin Peat	2	2	1	4	Negligible
310	307800.00	624209.00	1.1	Peat	Granular	9	Thin Peat	2	6	1	12	Low
311	307900.00	624209.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
312	308489.00	624416.00	0.3	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
313	308404.00	624452.00	0.2	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
314	308403.00	624271.00	0.9	Peat	Granular	10	Thin Peat	2	6	1	12	Low
315	308412.00	624285.00	0.2	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
316	308328.00	624314.00	0.2	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
317	308400.00	624209.00	0.3	Peat	Granular	4	Peaty Soil	0	2	1	0	Negligible
318	308495.00	624189.00	0.4	Peat	Granular	12	Peaty Soil	0	8	1	0	Negligible
319	308462.00	624288.00	0.6	Peat	Granular	5	Thin Peat	2	4	1	8	Low
320	308475.00	624323.00	0.3	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
321	308200.00	624510.00	0.8	Peat	Granular	4	Thin Peat	2	4	1	8	Low
322	308104.00	624402.00	0.5	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
323	308072.00	624314.00	0.2	Peat	Granular	2	Peaty Soil	0	2	1	0	Negligible
324	308104.00	624307.00	0.3	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
325	308200.00	624409.00	2.3	Peat	Granular	2	Thick Peat	3	2	1	6	Low
326	308200.00	624309.00	0.1	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
327	308197.00	624213.00	0.2	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
328	308096.00	624200.00	0.3	Peat	Granular	14	Peaty Soil	0	8	1	0	Negligible
329	307987.00	624305.00	0.3	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
330	308000.00	624409.00	0.9	Peat	Granular	9	Thin Peat	2	6	1	12	Low
331	307903.00	624309.00	0.2	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
332	307900.00	624409.00	0.2	Peat	Granular	23	Peaty Soil	0	8	1	0	Negligible
333	307824.00	624462.00	1.7	Peat	Granular	6	Thick Peat	3	4	1	12	Low
334	307900.00	624509.00	0.2	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
335	307991.00	624512.00	0.9	Peat	Granular	5	Thin Peat	2	4	1	8	Low
336	308003.00	624510.00	2.3	Peat	Granular	3	Thick Peat	3	2	1	6	Low
337	308078.00	624520.00	0.4	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
338	308100.00	624609.00	1.7	Peat	Granular	2	Thick Peat	3	1	1	3	Negligible
339	308001.00	624611.00	0.2	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
340	307899.00	624608.00	0.3	Peat	Granular	1	Peaty Soil	0	1	1	0	Negligible
341	307840.00	624572.00	3.5	Peat	Granular	9	Thick Peat	3	6	1	18	Medium
342	307804.00	624511.00	0.5	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
343	307803.00	624607.00	1.4	Peat	Granular	2	Thin Peat	2	1	1	2	Negligible
344	307898.00	624709.00	0.2	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
345	308000.00	624705.00	0.3	Peat	Granular	23	Peaty Soil	0	8	1	0	Negligible
346	308805.00	624773.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
347	308820.00	624726.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
348	308803.00	624686.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
349	308783.00	624668.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
350	308767.00	624652.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
351	308725.00	624639.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
352	308677.00	624622.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
353	308634.00	624597.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
354	308594.00	624582.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
355	308542.00	624586.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
356	308487.00	624585.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
357	308436.00	624588.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
358	308391.00	624607.00	0.2	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
359	308347.00	624621.00	0.6	Peat	Granular	9	Thin Peat	2	6	1	12	Low
360	308297.00	624633.00	0.3	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
361	308339.00	624393.00	0.0	Soil	Granular	7	No Peat	0	4	1	0	None
362	308349.00	624396.00	0.0	Soil	Granular	6	No Peat	0	4	1	0	None
363	308359.00	624396.00	0.0	Soil	Granular	4	No Peat	0	4	1	0	None
364	308351.00	624384.00	0.0	Soil	Granular	1	No Peat	0	1	1	0	None
365	308353.00	624374.00	0.0	Soil	Granular	3	No Peat	0	2	1	0	None
366	308355.00	624365.00	0.0	Soil	Granular	5	No Peat	0	4	1	0	None
367	308358.00	624356.00	0.0	Soil	Granular	9	No Peat	0	6	1	0	None
368	308360.00	624345.00	0.0	Soil	Granular	14	No Peat	0	8	1	0	None
369	308361.00	624385.00	0.0	Soil	Granular	7	No Peat	0	4	1	0	None
370	308364.00	624369.00	0.0	Soil	Granular	9	No Peat	0	6	1	0	None
371	308363.00	624377.00	0.0	Soil	Granular	8	No Peat	0	6	1	0	None
372	308368.00	624357.00	0.0	Soil	Granular	13	No Peat	0	8	1	0	None
373	308370.00	624347.00	0.0	Soil	Granular	12	No Peat	0	8	1	0	None
374	308376.00	624366.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
375	308373.00	624379.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
376	308371.00	624387.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
377	308368.00	624399.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
378	308377.00	624359.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
379	308387.00	624361.00	1.0	Peat	Granular	11	Thin Peat	2	6	1	12	Low
380	308396.00	624363.00	0.8	Peat	Granular	10	Thin Peat	2	6	1	12	Low
381	308399.00	624353.00	0.9	Peat	Granular	8	Thin Peat	2	4	1	8	Low
382	308386.00	624353.00	0.9	Peat	Granular	11	Thin Peat	2	6	1	12	Low
383	308379.00	624350.00	0.7	Peat	Granular	11	Thin Peat	2	6	1	12	Low
384	308350.00	624343.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
385	308338.00	624351.00	0.7	Peat	Granular	5	Thin Peat	2	4	1	8	Low
386	308348.00	624354.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
387	308340.00	624342.00	0.6	Peat	Granular	3	Thin Peat	2	2	1	4	Negligible
388	308328.00	624349.00	0.4	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
389	308330.00	624340.00	0.5	Peat	Granular	3	Peaty Soil	0	2	1	0	Negligible
390	308346.00	624363.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
391	308344.00	624372.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
392	308342.00	624383.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
393	308326.00	624358.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
394	308336.00	624361.00	0.3	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
395	308333.00	624370.00	1.0	Peat	Granular	7	Thin Peat	2	4	1	8	Low
396	308324.00	624368.00	0.5	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
397	308331.00	624379.00	0.9	Peat	Granular	7	Thin Peat	2	4	1	8	Low
398	308323.00	624378.00	0.7	Peat	Granular	7	Thin Peat	2	4	1	8	Low
399	308321.00	624387.00	0.5	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
400	308329.00	624389.00	0.7	Peat	Granular	7	Thin Peat	2	4	1	8	Low
401	308321.00	624544.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
402	308312.00	624589.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
403	307935.00	624372.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
404	307940.00	624366.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
405	307947.00	624360.00	0.1	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
406	307948.00	624370.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
407	307954.00	624378.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
408	307943.00	624378.00	0.1	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
409	307951.00	624384.00	0.1	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
410	307957.00	624394.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
411	307966.00	624384.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
412	307977.00	624397.00	0.9	Peat	Granular	8	Thin Peat	2	6	1	12	Low
413	307968.00	624404.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
414	307982.00	624405.00	0.9	Peat	Granular	9	Thin Peat	2	6	1	12	Low
415	307976.00	624411.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
416	307990.00	624411.00	1.2	Peat	Granular	8	Thin Peat	2	4	1	8	Low
417	307981.00	624419.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
418	307996.00	624404.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
419	307992.00	624398.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
420	307999.00	624391.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
421	308005.00	624398.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
422	307991.00	624382.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
423	308006.00	624383.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
424	308012.00	624391.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
425	307999.00	624377.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
426	307986.00	624391.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
427	308020.00	624384.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
428	308012.00	624374.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
429	308005.00	624368.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
430	308020.00	624372.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
431	308027.00	624378.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
432	307943.00	624545.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
433	307930.00	624519.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
434	307935.00	624527.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
435	307939.00	624536.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
436	307925.00	624510.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
437	307921.00	624524.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
438	307916.00	624515.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
439	307912.00	624527.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
440	307908.00	624519.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
441	307903.00	624533.00	0.1	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
442	307898.00	624524.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
443	307895.00	624538.00	0.2	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
444	307891.00	624529.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
445	307884.00	624541.00	0.1	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
446	307881.00	624535.00	0.1	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
447	307890.00	624551.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
448	307886.00	624564.00	0.3	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
449	307877.00	624570.00	0.3	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
450	307883.00	624577.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
451	307890.00	624573.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
452	307894.00	624560.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
453	307901.00	624568.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
454	307905.00	624556.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
455	307908.00	624564.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
456	307900.00	624547.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
457	307912.00	624548.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
458	307917.00	624558.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
459	307908.00	624542.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
460	307922.00	624548.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
461	307926.00	624554.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
462	307918.00	624537.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
463	307928.00	624539.00	0.3	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
464	307925.00	624533.00	0.2	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
465	307936.00	624550.00	0.2	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
466	307856.00	624387.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
467	307842.00	624370.00	0.1	Soil	Granular	25	Peaty Soil	0	8	1	0	Negligible
468	307866.00	624380.00	1.3	Peat	Granular	7	Thin Peat	2	4	1	8	Low
469	307913.00	624394.00	1.1	Peat	Granular	3	Thin Peat	2	2	1	4	Negligible
470	307823.00	624287.00	1.5	Peat	Granular	13	Thin Peat	2	8	1	16	Medium
471	307797.00	624284.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
472	307776.00	624280.00	0.1	Soil	Granular	25	Peaty Soil	0	8	1	0	Negligible
473	307733.00	624249.00	0.9	Peat	Granular	8	Thin Peat	2	4	1	8	Low
474	307691.00	624227.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
475	307655.00	624198.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
476	307624.00	624158.00	0.5	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
477	308752.00	624757.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
478	308767.00	624713.00	0.2	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
479	308716.00	624689.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
480	308670.00	624669.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
481	308625.00	624648.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
482	308578.00	624632.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
483	308528.00	624634.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
484	308478.00	624635.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
485	308429.00	624644.00	0.5	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
486	308380.00	624657.00	0.4	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
487	308337.00	624681.00	0.5	Peat	Granular	1	Peaty Soil	0	1	1	0	Negligible
488	308325.00	624510.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
489	308332.00	624513.00	0.4	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
490	308325.00	624502.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
491	308335.00	624504.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
492	308327.00	624492.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
493	308337.00	624493.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
494	308329.00	624482.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
495	308339.00	624484.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
496	308331.00	624472.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
497	308341.00	624474.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
498	308334.00	624462.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
499	308343.00	624464.00	0.5	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
500	308323.00	624461.00	0.0	Soil	Granular	6	No Peat	0	4	1	0	None
501	308327.00	624450.00	0.0	Soil	Granular	9	No Peat	0	6	1	0	None
502	308336.00	624453.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
503	308346.00	624455.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
504	308338.00	624443.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
505	308340.00	624434.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
506	308331.00	624431.00	0.0	Soil	Granular	7	No Peat	0	4	1	0	None
507	308333.00	624421.00	0.0	Soil	Granular	7	No Peat	0	4	1	0	None
508	308335.00	624412.00	0.0	Soil	Granular	7	No Peat	0	4	1	0	None
509	308341.00	624423.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
510	308344.00	624414.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
511	308348.00	624403.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
512	308335.00	624401.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
513	308327.00	624400.00	0.8	Peat	Granular	7	Thin Peat	2	4	1	8	Low
514	308317.00	624398.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
515	308315.00	624407.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
516	308324.00	624409.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
517	308331.00	624409.00	2.2	Peat	Granular	7	Thick Peat	3	4	1	12	Low
518	308336.00	624405.00	1.0	Peat	Granular	7	Thin Peat	2	4	1	8	Low
519	308357.00	624406.00	1.2	Peat	Granular	5	Thin Peat	2	4	1	8	Low
520	308354.00	624416.00	1.2	Peat	Granular	7	Thin Peat	2	4	1	8	Low
521	308352.00	624425.00	0.8	Peat	Granular	7	Thin Peat	2	4	1	8	Low
522	308348.00	624445.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
523	308350.00	624437.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
524	308294.00	624563.00	0.0	Soil	Granular	7	No Peat	0	4	1	0	None
525	308267.00	624606.00	0.0	Soil	Granular	2	No Peat	0	2	1	0	None
526	308163.00	624639.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
527	308127.00	624603.00	0.4	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
528	308093.00	624571.00	1.1	Peat	Granular	2	Thin Peat	2	2	1	4	Negligible
529	308054.00	624538.00	1.4	Peat	Granular	1	Thin Peat	2	1	1	2	Negligible
530	308014.00	624502.00	0.5	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
531	307982.00	624469.00	1.4	Peat	Granular	3	Thin Peat	2	2	1	4	Negligible
532	308002.00	624441.00	1.1	Peat	Granular	8	Thin Peat	2	4	1	8	Low
533	308009.00	624434.00	0.6	Peat	Granular	8	Thin Peat	2	6	1	12	Low
534	308016.00	624428.00	0.9	Peat	Granular	10	Thin Peat	2	6	1	12	Low
535	308024.00	624422.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
536	308031.00	624415.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
537	308025.00	624407.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
538	308034.00	624401.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
539	308039.00	624408.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
540	308027.00	624393.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
541	308018.00	624399.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
542	308010.00	624408.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
543	308017.00	624413.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
544	308006.00	624412.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
545	308009.00	624420.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
546	307995.00	624419.00	1.3	Peat	Granular	9	Thin Peat	2	6	1	12	Low
547	307990.00	624426.00	0.9	Peat	Granular	7	Thin Peat	2	4	1	8	Low
548	307994.00	624434.00	1.4	Peat	Granular	7	Thin Peat	2	4	1	8	Low
549	308003.00	624426.00	1.2	Peat	Granular	8	Thin Peat	2	6	1	12	Low
550	308048.00	624402.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
551	308041.00	624394.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
552	308034.00	624387.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
553	307948.00	624554.00	0.2	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
554	307953.00	624563.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
555	307939.00	624558.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
556	307945.00	624568.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
557	307932.00	624563.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
558	307937.00	624572.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
559	307929.00	624577.00	0.3	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
560	307923.00	624567.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
561	307918.00	624582.00	0.3	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
562	307912.00	624573.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
563	307909.00	624585.00	0.4	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
564	307905.00	624578.00	0.3	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
565	307905.00	624600.00	0.3	Soil	Granular	2	Peaty Soil	0	1	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
566	307901.00	624591.00	0.3	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
567	307896.00	624582.00	0.3	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
568	307901.00	624613.00	0.2	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
569	307898.00	624604.00	0.2	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
570	307891.00	624594.00	0.3	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
571	307907.00	624623.00	0.2	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
572	307915.00	624616.00	0.2	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
573	307886.00	624586.00	0.2	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
574	307925.00	624613.00	0.3	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
575	307933.00	624608.00	0.3	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
576	307910.00	624608.00	0.2	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
577	307919.00	624604.00	0.2	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
578	307913.00	624595.00	0.3	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
579	307927.00	624598.00	0.2	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
580	307923.00	624590.00	0.2	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
581	307945.00	624590.00	0.3	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
582	307936.00	624594.00	0.3	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
583	307941.00	624603.00	0.1	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
584	307950.00	624576.00	0.4	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
585	307953.00	624585.00	0.3	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
586	307959.00	624593.00	0.2	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
587	307939.00	624581.00	0.2	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
588	307931.00	624585.00	0.1	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
589	307949.00	624598.00	0.2	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
590	307812.00	624408.00	0.2	Soil	Granular	2	Peaty Soil	0	2	1	0	Negligible
591	307819.00	624371.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
592	307783.00	624365.00	0.7	Peat	Granular	2	Thin Peat	2	1	1	2	Negligible
593	307807.00	624335.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
594	307799.00	624372.00	0.7	Peat	Granular	7	Thin Peat	2	4	1	8	Low
595	307798.00	624336.00	0.7	Peat	Granular	8	Thin Peat	2	4	1	8	Low
596	307567.00	624150.00	5.0	Peat	Granular	0	Thick Peat	3	1	1	3	Negligible
597	307561.00	624178.00	4.5	Peat	Granular	1	Thick Peat	3	1	1	3	Negligible
598	307566.00	624203.00	0.7	Peat	Granular	2	Thin Peat	2	2	1	4	Negligible
599	307578.00	624229.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
600	307593.00	624254.00	0.6	Peat	Granular	11	Thin Peat	2	6	1	12	Low
601	308787.00	624760.00	0.1	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
602	308790.00	624713.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
603	308243.00	624664.00	0.5	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
604	308252.00	624650.00	0.2	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
605	308236.00	624643.00	0.3	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
606	308224.00	624645.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
607	308242.00	624698.00	0.3	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
608	308200.00	624677.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
609	308193.00	624660.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
610	308289.00	624687.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
611	308386.00	624320.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
612	308393.00	624330.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
613	308401.00	624344.00	0.5	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
614	308391.00	624342.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
615	308403.00	624335.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
616	308396.00	624323.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
617	308404.00	624325.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
618	308384.00	624329.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
619	308379.00	624338.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
620	308375.00	624307.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
621	308379.00	624300.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
622	308409.00	624306.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
623	308405.00	624314.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
624	308398.00	624314.00	0.3	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
625	308399.00	624303.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
626	308390.00	624302.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
627	308388.00	624310.00	0.4	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
628	308375.00	624318.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
629	308361.00	624295.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
630	308359.00	624304.00	0.3	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
631	308351.00	624302.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
632	308353.00	624292.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
633	308346.00	624312.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
634	308356.00	624315.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
635	308335.00	624320.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
636	308344.00	624322.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
637	308333.00	624330.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
638	308342.00	624332.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
639	308354.00	624324.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
640	308351.00	624333.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
641	308374.00	624328.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
642	308372.00	624338.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
643	308291.00	624524.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
644	308261.00	624567.00	0.7	Peat	Granular	4	Thin Peat	2	4	1	8	Low
645	308201.00	624602.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
646	308210.00	624615.00	0.4	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
647	308164.00	624571.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
648	308089.00	624502.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
649	308127.00	624534.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
650	308051.00	624463.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
651	308043.00	624457.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
652	308051.00	624451.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
653	308045.00	624443.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
654	308052.00	624436.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
655	308059.00	624445.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
656	308066.00	624437.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
657	308058.00	624429.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
658	308051.00	624421.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
659	308045.00	624415.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
660	308040.00	624420.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
661	308047.00	624429.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
662	308034.00	624429.00	0.2	Soil	Rock	10	Peaty Soil	0	6	2	0	Negligible
663	308040.00	624436.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
664	308032.00	624440.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
665	308038.00	624449.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
666	308025.00	624433.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
667	308030.00	624455.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
668	308037.00	624463.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
669	308024.00	624447.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
670	308016.00	624442.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
671	308021.00	624465.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
672	308031.00	624470.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
673	308013.00	624457.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
674	308011.00	624447.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
675	308006.00	624454.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
676	307953.00	624427.00	0.9	Peat	Rock	11	Thin Peat	2	6	2	24	Medium
677	307870.00	624448.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
678	307863.00	624452.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
679	307859.00	624444.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
680	307848.00	624449.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
681	307854.00	624457.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
682	307858.00	624466.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
683	307865.00	624461.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
684	307874.00	624456.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
685	307862.00	624476.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
686	307870.00	624470.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
687	307878.00	624465.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
688	307868.00	624486.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
689	307874.00	624478.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
690	307883.00	624475.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
691	307870.00	624493.00	0.2	Soil	Rock	8	Peaty Soil	0	4	2	0	Negligible
692	307880.00	624488.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
693	307888.00	624485.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
694	307876.00	624502.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
695	307885.00	624496.00	0.2	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
696	307892.00	624493.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
697	307902.00	624487.00	0.2	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
698	307910.00	624483.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
699	307875.00	624524.00	0.2	Soil	Rock	7	Peaty Soil	0	4	2	0	Negligible
700	307879.00	624510.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
701	307886.00	624520.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
702	307892.00	624515.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
703	307888.00	624507.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
704	307898.00	624501.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
705	307911.00	624505.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
706	307906.00	624497.00	0.2	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
707	307920.00	624501.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
708	307915.00	624492.00	0.2	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
709	307845.00	624439.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
710	307851.00	624435.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
711	307836.00	624433.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
712	307846.00	624427.00	0.2	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
713	307833.00	624423.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
714	307842.00	624419.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
715	307836.00	624409.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
716	307828.00	624415.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
717	307907.00	624338.00	0.1	Soil	Rock	13	Peaty Soil	0	8	2	0	Negligible
718	307859.00	624317.00	2.5	Peat	Granular	2	Thick Peat	3	1	1	3	Negligible
719	307862.00	624312.00	1.8	Peat	Granular	2	Thick Peat	3	1	1	3	Negligible
720	307868.00	624314.00	1.5	Peat	Granular	3	Thin Peat	2	2	1	4	Negligible
721	307863.00	624319.00	2.0	Peat	Granular	2	Thick Peat	3	1	1	3	Negligible
722	307863.00	624316.00	1.8	Peat	Granular	2	Thick Peat	3	1	1	3	Negligible
723	307833.00	624338.00	0.2	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
724	307740.00	624319.00	1.1	Peat	Granular	3	Thin Peat	2	2	1	4	Negligible
725	307702.00	624288.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
726	307599.00	624233.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
727	307616.00	624236.00	0.4	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
728	307588.00	624221.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
729	307589.00	624203.00	2.0	Peat	Granular	1	Thick Peat	3	1	1	3	Negligible
730	307579.00	624192.00	4.0	Peat	Granular	1	Thick Peat	3	1	1	3	Negligible
731	307572.00	624155.00	4.2	Peat	Granular	0	Thick Peat	3	1	1	3	Negligible
732	307572.00	624169.00	7.0	Peat	Granular	0	Thick Peat	3	1	1	3	Negligible
733	307458.00	624136.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
734	307414.00	624158.00	0.3	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
735	307364.00	624165.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
736	307350.00	624164.00	0.2	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
737	307310.00	624139.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
738	307242.00	624137.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
739	307237.00	624146.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
740	307231.00	624141.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
741	307220.00	624137.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
742	308294.00	624483.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
743	308312.00	624481.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
744	308306.00	624487.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
745	308312.00	624497.00	0.0	Soil	Granular	7	No Peat	0	4	1	0	None
746	308300.00	624483.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
747	307883.00	624455.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
748	307879.00	624448.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
749	307899.00	624443.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
750	307890.00	624447.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
751	307474.00	624155.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
752	307384.00	624188.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
753	307433.00	624178.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
754	307316.00	624175.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
755	307281.00	624178.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
756	307282.00	624168.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
757	307295.00	624169.00	0.1	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
758	307288.00	624158.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
759	307273.00	624152.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
760	308491.00	624615.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
761	308102.00	624540.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
762	308110.00	624545.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
763	307537.00	624151.00	5.0	Peat	Granular	2	Thick Peat	3	2	1	6	Low
764	307496.00	624173.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
765	307454.00	624199.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
766	307431.00	624243.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
767	307434.00	624254.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
768	307441.00	624247.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
769	307427.00	624248.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
770	307448.00	624269.00	0.8	Peat	Granular	8	Thin Peat	2	6	1	12	Low
771	307455.00	624263.00	0.6	Peat	Granular	9	Thin Peat	2	6	1	12	Low
772	307441.00	624263.00	0.5	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
773	307448.00	624255.00	0.5	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
774	307456.00	624278.00	0.6	Peat	Granular	8	Thin Peat	2	6	1	12	Low
775	307462.00	624269.00	0.6	Peat	Granular	8	Thin Peat	2	6	1	12	Low
776	307463.00	624283.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
777	307470.00	624276.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
778	307477.00	624296.00	0.9	Peat	Granular	8	Thin Peat	2	6	1	12	Low
779	307468.00	624289.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
780	307477.00	624284.00	0.4	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
781	307485.00	624290.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
782	307486.00	624303.00	0.5	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
783	307493.00	624296.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
784	307492.00	624310.00	0.8	Peat	Granular	9	Thin Peat	2	6	1	12	Low
785	307499.00	624303.00	0.6	Peat	Granular	9	Thin Peat	2	6	1	12	Low
786	307500.00	624316.00	0.9	Peat	Granular	9	Thin Peat	2	6	1	12	Low
787	307507.00	624324.00	1.1	Peat	Granular	9	Thin Peat	2	6	1	12	Low
788	307508.00	624339.00	0.9	Peat	Granular	9	Thin Peat	2	6	1	12	Low
789	307500.00	624331.00	0.8	Peat	Granular	9	Thin Peat	2	6	1	12	Low
790	307514.00	624330.00	1.0	Peat	Granular	9	Thin Peat	2	6	1	12	Low
791	307501.00	624345.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
792	307493.00	624338.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
793	307486.00	624345.00	1.2	Peat	Granular	9	Thin Peat	2	6	1	12	Low
794	307494.00	624353.00	0.8	Peat	Granular	8	Thin Peat	2	6	1	12	Low
795	307479.00	624354.00	1.2	Peat	Granular	9	Thin Peat	2	6	1	12	Low
796	307487.00	624360.00	1.1	Peat	Granular	7	Thin Peat	2	4	1	8	Low
797	307472.00	624362.00	0.6	Peat	Granular	7	Thin Peat	2	4	1	8	Low
798	307480.00	624368.00	0.9	Peat	Granular	7	Thin Peat	2	4	1	8	Low
799	307466.00	624368.00	1.4	Peat	Granular	7	Thin Peat	2	4	1	8	Low
800	307474.00	624375.00	1.2	Peat	Granular	7	Thin Peat	2	4	1	8	Low
801	307458.00	624360.00	1.4	Peat	Granular	7	Thin Peat	2	4	1	8	Low
802	307459.00	624348.00	1.1	Peat	Granular	9	Thin Peat	2	6	1	12	Low
803	307450.00	624354.00	1.3	Peat	Granular	8	Thin Peat	2	4	1	8	Low
804	307465.00	624354.00	1.2	Peat	Granular	9	Thin Peat	2	6	1	12	Low
805	307467.00	624340.00	0.9	Peat	Granular	9	Thin Peat	2	6	1	12	Low
806	307472.00	624346.00	1.0	Peat	Granular	9	Thin Peat	2	6	1	12	Low
807	307472.00	624333.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
808	307479.00	624340.00	0.8	Peat	Granular	9	Thin Peat	2	6	1	12	Low
809	307479.00	624324.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
810	307486.00	624332.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
811	307493.00	624325.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
812	307485.00	624318.00	0.7	Peat	Granular	9	Thin Peat	2	6	1	12	Low
813	307478.00	624311.00	0.7	Peat	Granular	9	Thin Peat	2	6	1	12	Low
814	307470.00	624304.00	1.0	Peat	Granular	8	Thin Peat	2	6	1	12	Low
815	307464.00	624311.00	0.8	Peat	Granular	8	Thin Peat	2	6	1	12	Low
816	307471.00	624318.00	0.7	Peat	Granular	9	Thin Peat	2	6	1	12	Low
817	307458.00	624318.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
818	307464.00	624325.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
819	307450.00	624325.00	1.1	Peat	Granular	8	Thin Peat	2	6	1	12	Low
820	307459.00	624333.00	1.2	Peat	Granular	9	Thin Peat	2	6	1	12	Low
821	307442.00	624334.00	1.4	Peat	Granular	2	Thin Peat	2	2	1	4	Negligible
822	307451.00	624340.00	1.4	Peat	Granular	8	Thin Peat	2	4	1	8	Low
823	307437.00	624341.00	1.6	Peat	Granular	7	Thick Peat	3	4	1	12	Low
824	307444.00	624347.00	1.4	Peat	Granular	6	Thin Peat	2	4	1	8	Low
825	307429.00	624334.00	1.4	Peat	Granular	8	Thin Peat	2	6	1	12	Low
826	307437.00	624326.00	0.8	Peat	Granular	2	Thin Peat	2	1	1	2	Negligible
827	307436.00	624313.00	0.9	Peat	Granular	7	Thin Peat	2	4	1	8	Low
828	307443.00	624319.00	0.8	Peat	Granular	7	Thin Peat	2	4	1	8	Low
829	307450.00	624311.00	0.7	Peat	Granular	8	Thin Peat	2	6	1	12	Low
830	307444.00	624305.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
831	307456.00	624304.00	0.4	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
832	307450.00	624298.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
833	307463.00	624297.00	0.8	Peat	Granular	8	Thin Peat	2	6	1	12	Low
834	307455.00	624290.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
835	307449.00	624283.00	0.4	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
836	307442.00	624276.00	0.8	Peat	Granular	8	Thin Peat	2	6	1	12	Low
837	307435.00	624283.00	0.4	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
838	307442.00	624291.00	0.5	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
839	307427.00	624291.00	0.5	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
840	307434.00	624298.00	0.4	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
841	307421.00	624297.00	0.9	Peat	Granular	6	Thin Peat	2	4	1	8	Low
842	307428.00	624306.00	0.8	Peat	Granular	5	Thin Peat	2	4	1	8	Low
843	307413.00	624292.00	0.7	Peat	Granular	5	Thin Peat	2	4	1	8	Low
844	307420.00	624285.00	0.4	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
845	307420.00	624271.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
846	307427.00	624277.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
847	307413.00	624278.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
848	307427.00	624263.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
849	307433.00	624270.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
850	307420.00	624258.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
851	307413.00	624263.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
852	307407.00	624270.00	1.1	Peat	Granular	9	Thin Peat	2	6	1	12	Low
853	307399.00	624264.00	1.3	Peat	Granular	10	Thin Peat	2	6	1	12	Low
854	307406.00	624258.00	0.8	Peat	Granular	9	Thin Peat	2	6	1	12	Low
855	307412.00	624250.00	0.7	Peat	Granular	9	Thin Peat	2	6	1	12	Low
856	307404.00	624243.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
857	307398.00	624249.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
858	307391.00	624256.00	0.8	Peat	Granular	10	Thin Peat	2	6	1	12	Low
859	307384.00	624249.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
860	307390.00	624242.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
861	307396.00	624237.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
862	307383.00	624237.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
863	307376.00	624245.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
864	307389.00	624229.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
865	307375.00	624229.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
866	307369.00	624237.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
867	307382.00	624223.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
868	307363.00	624230.00	0.4	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
869	307369.00	624223.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
870	307361.00	624217.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
871	307355.00	624223.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
872	307354.00	624211.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
873	307347.00	624217.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
874	307332.00	624203.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
875	307339.00	624210.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
876	307348.00	624203.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
877	307339.00	624196.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
878	307403.00	624213.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
879	307768.00	624361.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
880	307772.00	624409.00	0.4	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
881	307768.00	624460.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
882	307731.00	624482.00	0.8	Peat	Granular	2	Thin Peat	2	1	1	2	Negligible
883	307791.00	624467.00	0.4	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
884	307832.00	624490.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
885	307839.00	624508.00	0.5	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
886	307803.00	624525.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
887	307764.00	624505.00	0.4	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
888	307755.00	624529.00	0.4	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
889	307711.00	624527.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
890	307668.00	624487.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
891	307679.00	624468.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
892	307663.00	624510.00	0.3	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
893	307629.00	624461.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
894	307640.00	624445.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
895	307615.00	624482.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
896	307336.00	624143.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
897	307305.00	624153.00	0.2	Peat	Granular	15	Peaty Soil	0	8	1	0	Negligible
898	307313.00	624152.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
899	307305.00	624164.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
900	307314.00	624162.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
901	307325.00	624172.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
902	307334.00	624184.00	0.5	Rock	Granular	9	Peaty Soil	0	6	1	0	Negligible
903	307295.00	624176.00	0.1	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
904	307297.00	624185.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
905	307296.00	624195.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
906	307295.00	624203.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
907	307284.00	624215.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
908	307275.00	624225.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
909	307263.00	624245.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
910	307254.00	624257.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
911	307244.00	624273.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
912	307306.00	624194.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
913	307316.00	624192.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
914	307324.00	624191.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
915	307317.00	624184.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
916	307326.00	624183.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
917	307305.00	624182.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
918	307305.00	624172.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
919	307287.00	624166.00	0.3	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
920	307289.00	624173.00	0.3	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
921	307302.00	624144.00	0.6	Peat	Granular	14	Thin Peat	2	8	1	16	Medium
922	307295.00	624143.00	0.3	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
923	307294.00	624151.00	0.4	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
924	307297.00	624160.00	0.6	Peat	Granular	10	Thin Peat	2	6	1	12	Low
925	307285.00	624143.00	0.4	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
926	307274.00	624143.00	0.4	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
927	307263.00	624141.00	0.3	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
928	307339.00	624175.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
929	307353.00	624180.00	0.5	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
930	307372.00	624196.00	0.5	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
931	307391.00	624212.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
932	307410.00	624229.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
933	307422.00	624240.00	0.6	Soil	Granular	9	Thin Peat	2	6	1	12	Low
934	307565.00	624412.00	1.2	Peat	Granular	6	Thin Peat	2	4	1	8	Low
935	307574.00	624411.00	1.0	Peat	Granular	5	Thin Peat	2	4	1	8	Low
936	307574.00	624423.00	1.0	Peat	Granular	5	Thin Peat	2	4	1	8	Low
937	307584.00	624421.00	1.0	Peat	Granular	5	Thin Peat	2	4	1	8	Low
938	307594.00	624431.00	1.0	Peat	Granular	9	Thin Peat	2	6	1	12	Low
939	307584.00	624434.00	1.0	Peat	Granular	6	Thin Peat	2	4	1	8	Low
940	307606.00	624442.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
941	307600.00	624451.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
942	307615.00	624451.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
943	307613.00	624462.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
944	307605.00	624462.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
945	307608.00	624455.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
946	307594.00	624441.00	0.5	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
947	307586.00	624442.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
948	307592.00	624451.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
949	307574.00	624433.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
950	307564.00	624421.00	0.5	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
951	307555.00	624411.00	0.9	Peat	Granular	6	Thin Peat	2	4	1	8	Low
952	307555.00	624402.00	1.5	Peat	Granular	6	Thin Peat	2	4	1	8	Low
953	307564.00	624400.00	1.2	Peat	Granular	6	Thin Peat	2	4	1	8	Low
954	307545.00	624393.00	1.8	Peat	Granular	6	Thick Peat	3	4	1	12	Low
955	307556.00	624391.00	1.4	Peat	Granular	6	Thin Peat	2	4	1	8	Low
956	307543.00	624403.00	1.5	Peat	Granular	6	Thin Peat	2	4	1	8	Low
957	307534.00	624384.00	1.2	Peat	Granular	6	Thin Peat	2	4	1	8	Low
958	307532.00	624391.00	1.3	Peat	Granular	6	Thin Peat	2	4	1	8	Low
959	307545.00	624381.00	1.5	Peat	Granular	6	Thin Peat	2	4	1	8	Low
960	307533.00	624342.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
961	307524.00	624331.00	0.8	Peat	Granular	9	Thin Peat	2	6	1	12	Low
962	307509.00	624347.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
963	307502.00	624355.00	0.5	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
964	307495.00	624362.00	0.8	Peat	Granular	7	Thin Peat	2	4	1	8	Low
965	307495.00	624371.00	1.0	Peat	Granular	7	Thin Peat	2	4	1	8	Low
966	307506.00	624362.00	0.8	Peat	Granular	7	Thin Peat	2	4	1	8	Low
967	307504.00	624373.00	1.0	Peat	Granular	7	Thin Peat	2	4	1	8	Low
968	307506.00	624384.00	1.0	Peat	Granular	6	Thin Peat	2	4	1	8	Low
969	307521.00	624386.00	1.4	Peat	Granular	6	Thin Peat	2	4	1	8	Low
970	307513.00	624390.00	1.0	Peat	Granular	6	Thin Peat	2	4	1	8	Low
971	307515.00	624380.00	1.0	Peat	Granular	6	Thin Peat	2	4	1	8	Low
972	307515.00	624354.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
973	307523.00	624362.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
974	307515.00	624363.00	0.5	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
975	307515.00	624371.00	0.6	Peat	Granular	7	Thin Peat	2	4	1	8	Low
976	307524.00	624373.00	0.5	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
977	307535.00	624371.00	1.0	Peat	Granular	6	Thin Peat	2	4	1	8	Low
978	307554.00	624364.00	0.8	Peat	Granular	6	Thin Peat	2	4	1	8	Low
979	307556.00	624373.00	0.7	Peat	Granular	6	Thin Peat	2	4	1	8	Low
980	307545.00	624371.00	0.9	Soil	Granular	6	Thin Peat	2	4	1	8	Low
981	307544.00	624353.00	0.9	Peat	Granular	8	Thin Peat	2	4	1	8	Low
982	307544.00	624361.00	0.8	Peat	Granular	6	Thin Peat	2	4	1	8	Low
983	307534.00	624353.00	0.7	Peat	Granular	8	Thin Peat	2	4	1	8	Low
984	307524.00	624343.00	0.6	Peat	Granular	9	Thin Peat	2	6	1	12	Low
985	307516.00	624343.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
986	308894.00	624110.00	0.0	Soil	Granular	12	No Peat	0	8	1	0	None
987	308794.00	624009.00	0.0	Soil	Granular	21	No Peat	0	8	1	0	None
988	308702.00	624009.00	0.0	Soil	Granular	16	No Peat	0	8	1	0	None
989	308587.00	624011.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
990	308496.00	624011.00	0.0	Soil	Granular	14	No Peat	0	8	1	0	None
991	308392.00	624016.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
992	308304.00	624013.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
993	308196.00	624108.00	0.0	Soil	Granular	8	No Peat	0	6	1	0	None
994	307590.00	624113.00	0.2	Peat	Granular	17	Peaty Soil	0	8	1	0	Negligible
995	307517.00	623998.00	0.1	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
996	307413.00	624005.00	0.4	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
997	307510.00	623904.00	0.4	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
998	307500.00	623809.00	0.5	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
999	307497.00	623713.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1000	307710.00	623620.00	0.1	Soil	Granular	26	Peaty Soil	0	8	1	0	Negligible
1001	307802.00	623610.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1002	307898.00	623599.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1003	308003.00	623607.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1004	308096.00	623708.00	0.1	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1005	308215.00	623802.00	0.2	Peat	Granular	18	Peaty Soil	0	8	1	0	Negligible
1006	308209.00	623699.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1007	308209.00	623608.00	0.1	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
1008	308182.00	623500.00	0.1	Soil	Granular	25	Peaty Soil	0	8	1	0	Negligible
1009	307597.00	623803.00	0.2	Peat	Granular	12	Peaty Soil	0	8	1	0	Negligible
1010	307600.00	623709.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1011	307901.00	623506.00	0.1	Peat	Granular	20	Peaty Soil	0	8	1	0	Negligible
1012	308077.00	623625.00	0.1	Peat	Granular	14	Peaty Soil	0	8	1	0	Negligible
1013	307782.00	623507.00	0.2	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
1014	307595.00	623509.00	0.2	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
1015	307579.00	623613.00	0.2	Peat	Granular	17	Peaty Soil	0	8	1	0	Negligible
1016	307563.00	623528.00	0.2	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
1017	307467.00	623572.00	0.2	Peat	Granular	22	Peaty Soil	0	8	1	0	Negligible
1018	307535.00	623575.00	0.2	Peat	Granular	18	Peaty Soil	0	8	1	0	Negligible
1019	307503.00	623508.00	0.1	Peat	Granular	19	Peaty Soil	0	8	1	0	Negligible
1020	307406.00	623609.00	0.1	Peat	Granular	27	Peaty Soil	0	8	1	0	Negligible
1021	308300.00	623509.00	0.1	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
1022	308400.00	623509.00	1.0	Peat	Granular	2	Thin Peat	2	2	1	4	Negligible
1023	308500.00	623509.00	0.5	Peat	Granular	3	Peaty Soil	0	2	1	0	Negligible
1024	308587.00	623516.00	1.2	Peat	Granular	4	Thin Peat	2	4	1	8	Low
1025	308700.00	623608.00	0.8	Soil	Granular	2	Thin Peat	2	2	1	4	Negligible
1026	308603.00	623605.00	0.3	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
1027	308500.00	623609.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1028	308402.00	623608.00	0.2	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
1029	308300.00	623609.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1030	308300.00	623709.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1031	308401.00	623705.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1032	308506.00	623708.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1033	308598.00	623711.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1034	308800.00	623809.00	0.3	Peat	Granular	17	Peaty Soil	0	8	1	0	Negligible
1035	308699.00	623811.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1036	308593.00	623809.00	0.1	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
1037	308500.00	623809.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1038	308400.00	623809.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1039	308300.00	623809.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1040	308800.00	624109.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1041	308300.00	624109.00	0.2	Peat	Granular	15	Peaty Soil	0	8	1	0	Negligible
1042	308508.00	624101.00	0.2	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
1043	308427.00	624097.00	0.2	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
1044	308600.00	624109.00	0.3	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1045	308649.00	624125.00	0.3	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
1046	308700.00	624109.00	0.3	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1047	309102.00	624112.00	0.3	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1048	309000.00	624109.00	0.2	Peat	Granular	17	Peaty Soil	0	8	1	0	Negligible
1049	309000.00	624009.00	0.1	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
1050	309097.00	624009.00	0.1	Peat	Granular	4	Peaty Soil	0	2	1	0	Negligible
1051	309000.00	623909.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1052	308900.00	624009.00	0.1	Peat	Granular	20	Peaty Soil	0	8	1	0	Negligible
1053	308901.00	623925.00	0.1	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
1054	308900.00	623907.00	0.4	Peat	Granular	2	Peaty Soil	0	2	1	0	Negligible
1055	308800.00	623909.00	0.1	Peat	Granular	22	Peaty Soil	0	8	1	0	Negligible
1056	308700.00	623909.00	0.0	Soil	Granular	25	No Peat	0	8	1	0	None
1057	308611.00	623934.00	0.1	Soil	Granular	30	Peaty Soil	0	8	1	0	Negligible
1058	308600.00	623909.00	0.1	Soil	Granular	30	Peaty Soil	0	8	1	0	Negligible
1059	308500.00	623909.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1060	308400.00	623909.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1061	308300.00	623909.00	0.2	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1062	308200.00	624009.00	0.1	Peat	Granular	30	Peaty Soil	0	8	1	0	Negligible
1063	308100.00	624109.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1064	308100.00	624109.00	0.3	Peat	Granular	14	Peaty Soil	0	8	1	0	Negligible
1065	307100.00	624108.00	0.3	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
1066	307000.00	624109.00	0.3	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
1067	306901.00	624112.00	1.0	Peat	Granular	9	Thin Peat	2	6	1	12	Low
1068	306995.00	624013.00	0.3	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
1069	307100.00	624009.00	0.3	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
1070	307099.00	623902.00	0.4	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
1071	307100.00	623901.00	0.4	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
1072	307200.00	623809.00	0.3	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
1073	307300.00	623708.00	0.2	Peat	Granular	19	Peaty Soil	0	8	1	0	Negligible
1074	307300.00	623809.00	0.3	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
1075	307400.00	623709.00	0.3	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
1076	307399.00	623808.00	0.3	Peat	Granular	35	Peaty Soil	0	8	1	0	Negligible
1077	307399.00	623905.00	0.2	Peat	Granular	19	Peaty Soil	0	8	1	0	Negligible
1078	307296.00	623912.00	0.7	Peat	Granular	17	Thin Peat	2	8	1	16	Medium
1079	307199.00	623909.00	0.5	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
1080	307300.00	624010.00	0.4	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
1081	307221.00	624028.00	0.6	Peat	Granular	8	Thin Peat	2	4	1	8	Low
1082	307198.00	624110.00	0.5	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
1083	307299.00	624107.00	0.3	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
1084	307393.00	624116.00	0.2	Peat	Rock	9	Peaty Soil	0	6	2	0	Negligible
1085	307507.00	624111.00	1.2	Peat	Granular	4	Thin Peat	2	2	1	4	Negligible
1086	307527.00	624097.00	3.5	Peat	Rock	2	Thick Peat	3	2	2	12	Low
1087	307500.00	624009.00	0.4	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
1088	307600.00	624009.00	0.2	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
1089	307602.00	623910.00	0.4	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
1090	307638.00	623894.00	0.6	Peat	Granular	8	Thin Peat	2	4	1	8	Low
1091	307704.00	623810.00	0.2	Peat	Granular	22	Peaty Soil	0	8	1	0	Negligible
1092	307801.00	623809.00	0.3	Peat	Granular	24	Peaty Soil	0	8	1	0	Negligible
1093	307792.00	623913.00	0.1	Soil	Rock	9	Peaty Soil	0	6	2	0	Negligible
1094	307794.00	624000.00	1.0	Peat	Rock	8	Thin Peat	2	6	2	24	Medium
1095	307895.00	624013.00	0.5	Peat	Granular	17	Peaty Soil	0	8	1	0	Negligible
1096	307897.00	624109.00	0.4	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
1097	307803.00	624109.00	0.5	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
1098	307709.00	624006.00	1.0	Peat	Granular	2	Thin Peat	2	1	1	2	Negligible
1099	307697.00	624109.00	1.1	Peat	Granular	4	Thin Peat	2	4	1	8	Low
1100	307993.00	624108.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1101	308006.00	624010.00	0.2	Peat	Granular	18	Peaty Soil	0	8	1	0	Negligible
1102	308101.00	624007.00	0.2	Peat	Granular	14	Peaty Soil	0	8	1	0	Negligible
1103	308010.00	623914.00	0.9	Peat	Rock	11	Thin Peat	2	6	2	24	Medium
1104	308098.00	623913.00	0.4	Peat	Rock	12	Peaty Soil	0	8	2	0	Negligible
1105	307999.00	623807.00	0.2	Peat	Granular	18	Peaty Soil	0	8	1	0	Negligible
1106	308102.00	623808.00	0.2	Peat	Granular	19	Peaty Soil	0	8	1	0	Negligible
1107	308002.00	623709.00	0.3	Peat	Granular	20	Peaty Soil	0	8	1	0	Negligible
1108	307897.00	623706.00	0.3	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
1109	307901.00	623809.00	0.3	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
1110	307900.00	623909.00	0.3	Peat	Granular	16	Peaty Soil	0	8	1	0	Negligible
1111	308214.00	623909.00	0.3	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
1112	308801.00	623510.00	0.3	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
1113	308704.00	623507.00	0.5	Peat	Rock	2	Peaty Soil	0	2	2	0	Negligible
1114	308700.00	623709.00	0.5	Peat	Granular	3	Peaty Soil	0	2	1	0	Negligible
1115	308798.00	623708.00	0.1	Soil	Rock	11	Peaty Soil	0	6	2	0	Negligible
1116	308896.00	623706.00	0.3	Peat	Granular	1	Peaty Soil	0	1	1	0	Negligible
1117	308900.00	623808.00	0.2	Soil	Rock	26	Peaty Soil	0	8	2	0	Negligible
1118	308999.00	623807.00	0.7	Peat	Granular	3	Thin Peat	2	2	1	4	Negligible
1119	309099.00	623909.00	0.6	Peat	Granular	8	Thin Peat	2	4	1	8	Low
1120	309200.00	624009.00	0.1	Soil	Rock	4	Peaty Soil	0	2	2	0	Negligible
1121	307599.00	624115.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1122	307575.00	624073.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1123	307523.00	623809.00	0.5	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
1124	307520.00	623801.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1125	307511.00	623808.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1126	307505.00	623799.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1127	307502.00	623814.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1128	307515.00	623817.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1129	307511.00	623824.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1130	307496.00	623822.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1131	307503.00	623829.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1132	307488.00	623828.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1133	307496.00	623835.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1134	307487.00	623841.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1135	307480.00	623846.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1136	307474.00	623840.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1137	307480.00	623834.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1138	307473.00	623827.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1139	307466.00	623834.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1140	307482.00	623820.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1141	307489.00	623813.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1142	307496.00	623807.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1143	307544.00	624083.00	0.6	Peat	Granular	11	Thin Peat	2	6	1	12	Low
1144	307539.00	624099.00	2.4	Peat	Granular	7	Thick Peat	3	4	1	12	Low
1145	307551.00	624116.00	4.6	Peat	Granular	4	Thick Peat	3	2	1	6	Low
1146	307525.00	624086.00	2.3	Peat	Granular	3	Thick Peat	3	2	1	6	Low
1147	307518.00	624070.00	1.8	Peat	Granular	3	Thick Peat	3	2	1	6	Low
1148	307503.00	624054.00	1.4	Peat	Granular	5	Thin Peat	2	4	1	8	Low
1149	307495.00	624031.00	0.9	Peat	Granular	10	Thin Peat	2	6	1	12	Low
1150	307484.00	623982.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1151	307501.00	623935.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1152	307503.00	623885.00	0.1	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1153	307600.00	624114.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1154	307579.00	624068.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1155	307559.00	624028.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1156	307536.00	623982.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1157	307554.00	623934.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1158	307551.00	623889.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1159	307558.00	623836.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1160	307565.00	623786.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1161	307596.00	623751.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1162	307501.00	624109.00	2.7	Peat	Granular	5	Thick Peat	3	4	1	12	Low
1163	307267.00	624115.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1164	307250.00	624130.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1165	307235.00	624131.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1166	307239.00	624123.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1167	307225.00	624127.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1168	307229.00	624119.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1169	307217.00	624123.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1170	307212.00	624131.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1171	307221.00	624113.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1172	307208.00	624117.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1173	307212.00	624108.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1174	307203.00	624126.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1175	307199.00	624112.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1176	307192.00	624120.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1177	307202.00	624102.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1178	307185.00	624116.00	0.9	Peat	Granular	8	Thin Peat	2	4	1	8	Low
1179	307177.00	624111.00	0.6	Peat	Granular	8	Thin Peat	2	6	1	12	Low
1180	307168.00	624106.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1181	307173.00	624097.00	0.4	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1182	307181.00	624103.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1183	307191.00	624107.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1184	307195.00	624099.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1185	307187.00	624094.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1186	307169.00	624084.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1187	307178.00	624088.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1188	307164.00	624092.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1189	307156.00	624088.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1190	307149.00	624095.00	0.2	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
1191	307159.00	624101.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1192	307160.00	624079.00	0.4	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1193	307152.00	624074.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1194	307164.00	624070.00	0.5	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
1195	307161.00	624057.00	0.4	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1196	307171.00	624062.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1197	307156.00	624065.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1198	307147.00	624060.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1199	307153.00	624053.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1200	307142.00	624068.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1201	307138.00	624078.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1202	307146.00	624083.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1203	307129.00	624073.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1204	307125.00	624082.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1205	307133.00	624087.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1206	307119.00	624090.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1207	307128.00	624095.00	0.2	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
1208	307137.00	624101.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1209	307112.00	624085.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1210	307116.00	624076.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1211	307121.00	624068.00	0.5	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1212	307125.00	624058.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1213	307134.00	624064.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1214	307132.00	624050.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1215	307139.00	624055.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1216	307137.00	624042.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1217	307144.00	624047.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1218	307127.00	624037.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1219	307122.00	624045.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1220	307117.00	624054.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1221	307112.00	624062.00	0.7	Peat	Granular	6	Thin Peat	2	4	1	8	Low
1222	307106.00	624074.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1223	307101.00	624080.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1224	307710.00	623624.00	0.2	Soil	Granular	26	Peaty Soil	0	8	1	0	Negligible
1225	307667.00	623636.00	0.2	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1226	307663.00	623628.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1227	307711.00	623613.00	0.2	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1228	307755.00	623594.00	0.2	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible
1229	307801.00	623575.00	0.3	Soil	Granular	28	Peaty Soil	0	8	1	0	Negligible
1230	307850.00	623566.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1231	307904.00	623564.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1232	307938.00	623608.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1233	307938.00	623618.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1234	307928.00	623609.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1235	307918.00	623607.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1236	307925.00	623613.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1237	307929.00	623618.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1238	307919.00	623618.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1239	307908.00	623609.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1240	307948.00	623608.00	0.3	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1241	307948.00	623620.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1242	307959.00	623617.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1243	307958.00	623608.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1244	307958.00	623628.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1245	307968.00	623619.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1246	307967.00	623608.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1247	307974.00	623612.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1248	307968.00	623627.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1249	307948.00	623628.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1250	307946.00	623635.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1251	307953.00	623647.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1252	307957.00	623638.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1253	307961.00	623650.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1254	307967.00	623639.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1255	307972.00	623652.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1256	307975.00	623642.00	0.2	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1257	307969.00	623662.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1258	307960.00	623659.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1259	307982.00	623655.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1260	307979.00	623664.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1261	307984.00	623645.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1262	307991.00	623658.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1263	307994.00	623648.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1264	307987.00	623668.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1265	308001.00	623659.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1266	308004.00	623650.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1267	307999.00	623669.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1268	308013.00	623653.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1269	308011.00	623663.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1270	308008.00	623673.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1271	308019.00	623664.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1272	308022.00	623655.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1273	308017.00	623675.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1274	307943.00	623644.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1275	307937.00	623638.00	0.3	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1276	307949.00	623657.00	0.2	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1277	307940.00	623654.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1278	307931.00	623651.00	0.2	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1279	307937.00	623629.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1280	307933.00	623642.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1281	307928.00	623628.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1282	307917.00	623627.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1283	307924.00	623639.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1284	307921.00	623649.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1285	307914.00	623636.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1286	307908.00	623618.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1287	307907.00	623625.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1288	307911.00	623646.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1289	307897.00	623622.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1290	307905.00	623635.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1291	307902.00	623643.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1292	307890.00	623620.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1293	307896.00	623633.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1294	307894.00	623640.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1295	307878.00	623616.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1296	307884.00	623627.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1297	307883.00	623638.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1298	307877.00	623624.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1299	307873.00	623635.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1300	307868.00	623612.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1301	307866.00	623623.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1302	307863.00	623632.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1303	307859.00	623611.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1304	307856.00	623621.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1305	307854.00	623629.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1306	307850.00	623607.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1307	307847.00	623618.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1308	307846.00	623629.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1309	307838.00	623606.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1310	307839.00	623617.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1311	307836.00	623628.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1312	307823.00	623619.00	0.2	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1313	307908.00	623598.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1314	307914.00	623598.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1315	307928.00	623598.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1316	307938.00	623598.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1317	307949.00	623598.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1318	307958.00	623598.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1319	307968.00	623599.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1320	307950.00	623561.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1321	308000.00	623563.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1322	307517.00	624128.00	2.7	Peat	Granular	3	Thick Peat	3	2	1	6	Low
1323	307031.00	624063.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1324	307038.00	624054.00	0.3	Soil	Rock	14	Peaty Soil	0	8	2	0	Negligible
1325	307042.00	624045.00	0.3	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1326	307046.00	624036.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1327	307052.00	624027.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1328	307056.00	624019.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1329	307068.00	624015.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1330	307062.00	624011.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1331	307064.00	624024.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1332	307044.00	624061.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1333	307050.00	624050.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1334	307055.00	624041.00	0.3	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1335	307059.00	624034.00	0.3	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
1336	307041.00	624068.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1337	307049.00	624071.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1338	307055.00	624065.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1339	307059.00	624055.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1340	307063.00	624046.00	0.4	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1341	307068.00	624039.00	0.3	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1342	307073.00	624030.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1343	307078.00	624020.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1344	307086.00	624027.00	0.3	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1345	307083.00	624036.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1346	307072.00	624052.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1347	307077.00	624042.00	0.3	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1348	307068.00	624062.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1349	307063.00	624068.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1350	307059.00	624077.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1351	307067.00	624082.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1352	307075.00	624085.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1353	307079.00	624080.00	0.3	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1354	307072.00	624074.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1355	307084.00	624072.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1356	307078.00	624064.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1357	307083.00	624056.00	0.2	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1358	307089.00	624062.00	0.2	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1359	307095.00	624053.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1360	307086.00	624047.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1361	307092.00	624039.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1362	307098.00	624045.00	0.3	Soil	Granular	3	Peaty Soil	0	2	1	0	Negligible
1363	307096.00	624030.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1364	307104.00	624035.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1365	307101.00	624023.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1366	307108.00	624027.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1367	307103.00	624058.00	0.7	Peat	Granular	10	Thin Peat	2	6	1	12	Low
1368	307108.00	624049.00	0.4	Soil	Granular	4	Peaty Soil	0	2	1	0	Negligible
1369	307113.00	624040.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1370	307118.00	624032.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1371	307098.00	624066.00	0.2	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1372	307093.00	624075.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1373	307084.00	624092.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1374	307636.00	623716.00	0.3	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1375	307672.00	623681.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1376	307710.00	623673.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1377	307742.00	623677.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1378	307798.00	623637.00	0.3	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1379	307766.00	623651.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1380	307791.00	623686.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1381	307818.00	623667.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1382	307845.00	623657.00	0.3	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1383	307821.00	623690.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1384	307835.00	623680.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1385	307830.00	623689.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1386	307828.00	623670.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1387	307839.00	623701.00	0.3	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
1388	307858.00	623697.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1389	307853.00	623700.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1390	307870.00	623702.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1391	307862.00	623707.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1392	307870.00	623715.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1393	307876.00	623709.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1394	307882.00	623716.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1395	307876.00	623722.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1396	307882.00	623730.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1397	307889.00	623725.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1398	307889.00	623738.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1399	307897.00	623731.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1400	307904.00	623724.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1401	307895.00	623744.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1402	307904.00	623738.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1403	307911.00	623730.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1404	307904.00	623751.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1405	307911.00	623744.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1406	307916.00	623737.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1407	307910.00	623757.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1408	307918.00	623751.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1409	307925.00	623745.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1410	307926.00	623758.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1411	307932.00	623751.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1412	307918.00	623765.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1413	307925.00	623772.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1414	307933.00	623766.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1415	307939.00	623760.00	0.2	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
1416	307933.00	623780.00	0.2	Soil	Granular	4	Peaty Soil	0	4	1	0	Negligible
1417	307969.00	623779.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1418	307991.00	623800.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1419	308008.00	623853.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1420	307986.00	623878.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1421	307996.00	623871.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1422	308004.00	623863.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1423	308017.00	623848.00	0.3	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1424	308026.00	623843.00	0.3	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1425	308029.00	623836.00	0.2	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1426	307982.00	623871.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1427	307992.00	623863.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1428	307998.00	623859.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1429	308003.00	623849.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1430	308009.00	623843.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1431	308019.00	623836.00	0.3	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1432	308026.00	623830.00	0.3	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1433	307987.00	623843.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1434	308016.00	623821.00	0.3	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1435	307977.00	623863.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1436	307984.00	623855.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1437	307990.00	623849.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1438	307995.00	623842.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1439	308003.00	623836.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1440	308009.00	623828.00	0.2	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1441	307989.00	623835.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1442	307968.00	623857.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1443	307976.00	623849.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1444	307996.00	623827.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1445	308003.00	623822.00	0.3	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1446	308010.00	623814.00	0.2	Soil	Granular	24	Peaty Soil	0	8	1	0	Negligible
1447	308017.00	623807.00	0.2	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1448	307961.00	623850.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1449	307987.00	623821.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1450	307982.00	623828.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1451	307974.00	623835.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1452	307969.00	623843.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1453	307995.00	623813.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1454	308004.00	623807.00	0.2	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1455	308010.00	623800.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1456	307954.00	623843.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1457	307961.00	623836.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1458	307968.00	623829.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1459	307973.00	623822.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1460	307983.00	623815.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1461	307990.00	623806.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1462	308001.00	623795.00	0.2	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1463	307947.00	623836.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1464	307954.00	623827.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1465	307962.00	623821.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1466	307969.00	623813.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1467	307973.00	623806.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1468	307983.00	623799.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1469	307989.00	623793.00	0.1	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
1470	307996.00	623786.00	0.2	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1471	307953.00	623815.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1472	307946.00	623808.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1473	307939.00	623801.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1474	307933.00	623793.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1475	307960.00	623808.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1476	307953.00	623800.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1477	307945.00	623792.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1478	307940.00	623786.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1479	307969.00	623800.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1480	307959.00	623791.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1481	307953.00	623785.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1482	307946.00	623778.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1483	307946.00	623765.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1484	307975.00	623793.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1485	307961.00	623776.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1486	307952.00	623772.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1487	307982.00	623785.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1488	307988.00	623781.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1489	307980.00	623772.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1490	307973.00	623766.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1491	307970.00	623770.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1492	307971.00	623786.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1493	307969.00	623759.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1494	307959.00	623767.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1495	307961.00	623751.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1496	307953.00	623759.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1497	307947.00	623752.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1498	307953.00	623745.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1499	308022.00	623626.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1500	308057.00	623661.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1501	308081.00	623703.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1502	308102.00	623748.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1503	308149.00	623770.00	0.2	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1504	308190.00	623793.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1505	308236.00	623785.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1506	308255.00	623740.00	0.2	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1507	308251.00	623694.00	0.2	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1508	308234.00	623646.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1509	308223.00	623598.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1510	308207.00	623550.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1511	308188.00	623504.00	0.3	Soil	Granular	25	Peaty Soil	0	8	1	0	Negligible
1512	308044.00	623584.00	0.2	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible
1513	308078.00	623609.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1514	308112.00	623651.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1515	308128.00	623697.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1516	308166.00	623727.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1517	308205.00	623760.00	0.7	Peat	Granular	6	Thin Peat	2	4	1	8	Low
1518	308212.00	623735.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1519	308199.00	623691.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1520	308183.00	623653.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1521	308192.00	623605.00	0.0	Soil	Rock	11	No Peat	0	6	2	0	None
1522	308187.00	623596.00	0.0	Soil	Rock	17	No Peat	0	8	2	0	None
1523	308182.00	623609.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1524	308175.00	623613.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1525	308175.00	623602.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1526	308168.00	623604.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1527	308165.00	623595.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1528	308174.00	623590.00	0.2	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1529	308182.00	623586.00	0.0	Rock	Rock	20	No Peat	0	8	2	0	None
1530	308179.00	623577.00	0.0	Soil	Granular	21	No Peat	0	8	1	0	None
1531	308168.00	623572.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1532	308174.00	623568.00	0.0	Rock	Granular	21	No Peat	0	8	1	0	None
1533	308169.00	623582.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1534	308161.00	623586.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1535	308155.00	623577.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1536	308167.00	623561.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1537	308160.00	623562.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1538	308152.00	623568.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1539	308156.00	623556.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1540	308147.00	623559.00	0.1	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1541	308166.00	623551.00	0.0	Soil	Granular	27	No Peat	0	8	1	0	None
1542	308150.00	623545.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1543	308142.00	623550.00	0.2	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
1544	308161.00	623543.00	0.1	Soil	Granular	30	Peaty Soil	0	8	1	0	Negligible
1545	308149.00	623537.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1546	308138.00	623543.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1547	308158.00	623532.00	0.1	Soil	Granular	29	Peaty Soil	0	8	1	0	Negligible
1548	308135.00	623533.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1549	308146.00	623527.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1550	308153.00	623524.00	0.1	Soil	Granular	24	Peaty Soil	0	8	1	0	Negligible
1551	308153.00	623507.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1552	308148.00	623499.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1553	308142.00	623508.00	0.2	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1554	308133.00	623511.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1555	308125.00	623515.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1556	308113.00	623524.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1557	308129.00	623502.00	0.2	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1558	308134.00	623504.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1559	308136.00	623499.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1560	308120.00	623508.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1561	308110.00	623514.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1562	308116.00	623501.00	0.2	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1563	308104.00	623504.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1564	308117.00	623496.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1565	308100.00	623495.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1566	308147.00	623515.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1567	308140.00	623517.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1568	308130.00	623526.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1569	308121.00	623532.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1570	308217.00	623689.00	0.0	Rock	Granular	7	No Peat	0	4	1	0	None
1571	308222.00	623701.00	0.0	Soil	Granular	7	No Peat	0	4	1	0	None
1572	307512.00	623793.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1573	307518.00	623788.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1574	307527.00	623781.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1575	307535.00	623774.00	0.0	Soil	Granular	17	No Peat	0	8	1	0	None
1576	307541.00	623768.00	0.0	Soil	Granular	6	No Peat	0	4	1	0	None
1577	307549.00	623762.00	0.0	Soil	Granular	5	No Peat	0	4	1	0	None
1578	307505.00	623786.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1579	307482.00	623806.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1580	307468.00	623804.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1581	307455.00	623801.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1582	307448.00	623797.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1583	307442.00	623801.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1584	307445.00	623810.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1585	307451.00	623817.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1586	307459.00	623826.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1587	307465.00	623819.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1588	307460.00	623812.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1589	307474.00	623812.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1590	307462.00	623767.00	0.5	Peat	Granular	11	Peaty Soil	0	6	1	0	Negligible
1591	307477.00	623771.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1592	307470.00	623777.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1593	307462.00	623783.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1594	307455.00	623791.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1595	307461.00	623797.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1596	307476.00	623799.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1597	307470.00	623791.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1598	307484.00	623776.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1599	307476.00	623783.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1600	307491.00	623786.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1601	307484.00	623793.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1602	307499.00	623779.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1603	307490.00	623799.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1604	307499.00	623793.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1605	307492.00	623771.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1606	307521.00	623774.00	0.3	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1607	307527.00	623767.00	0.4	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
1608	307523.00	623758.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1609	307518.00	623751.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1610	307516.00	623738.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1611	307510.00	623743.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1612	307522.00	623744.00	0.2	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1613	307502.00	623736.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1614	307508.00	623730.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1615	307492.00	623744.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1616	307485.00	623749.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1617	307479.00	623758.00	0.3	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1618	307472.00	623762.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1619	307487.00	623764.00	0.3	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1620	307501.00	623751.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1621	307493.00	623757.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1622	307499.00	623765.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1623	307509.00	623759.00	0.1	Soil	Granular	16	Peaty Soil	0	8	1	0	Negligible
1624	307508.00	623772.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1625	307512.00	623781.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1626	307515.00	623767.00	0.1	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1627	307526.00	623740.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1628	307524.00	623729.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1629	307518.00	623722.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1630	307525.00	623716.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1631	307531.00	623726.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1632	307536.00	623729.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1633	307530.00	623753.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1634	307537.00	623744.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1635	307543.00	623754.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1636	307536.00	623759.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1637	307544.00	623739.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1638	307544.00	623726.00	0.1	Soil	Granular	24	Peaty Soil	0	8	1	0	Negligible
1639	307559.00	623725.00	0.1	Soil	Granular	24	Peaty Soil	0	8	1	0	Negligible
1640	307552.00	623719.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1641	307552.00	623734.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1642	307561.00	623714.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1643	307568.00	623707.00	0.2	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1644	307574.00	623700.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1645	307583.00	623693.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1646	307567.00	623720.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1647	307551.00	623747.00	0.0	Soil	Granular	8	No Peat	0	6	1	0	None
1648	307572.00	623728.00	0.0	Soil	Granular	23	No Peat	0	8	1	0	None
1649	307566.00	623734.00	0.0	Soil	Granular	22	No Peat	0	8	1	0	None
1650	307557.00	623741.00	0.0	Soil	Granular	13	No Peat	0	8	1	0	None
1651	307582.00	623721.00	0.0	Soil	Granular	18	No Peat	0	8	1	0	None
1652	307575.00	623714.00	0.1	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible
1653	307589.00	623713.00	0.0	Soil	Granular	21	No Peat	0	8	1	0	None
1654	307583.00	623707.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1655	307595.00	623707.00	0.0	Soil	Granular	19	No Peat	0	8	1	0	None
1656	307590.00	623701.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1657	307603.00	623701.00	0.1	Soil	Granular	20	Peaty Soil	0	8	1	0	Negligible
1658	307597.00	623694.00	0.1	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible
1659	307589.00	623686.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1660	307611.00	623694.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1661	307597.00	623681.00	0.1	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1662	307605.00	623687.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1663	307607.00	623674.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1664	307613.00	623681.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1665	307612.00	623667.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1666	307628.00	623680.00	0.0	Soil	Granular	19	No Peat	0	8	1	0	None
1667	307617.00	623688.00	0.0	Soil	Granular	23	No Peat	0	8	1	0	None
1668	307619.00	623675.00	0.1	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1669	307625.00	623659.00	0.2	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1670	307614.00	623639.00	0.2	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1671	307465.00	624012.00	0.9	Peat	Granular	6	Thin Peat	2	4	1	8	Low
1672	307465.00	624011.00	0.9	Peat	Granular	6	Thin Peat	2	4	1	8	Low
1673	307434.00	623998.00	0.8	Peat	Granular	10	Thin Peat	2	6	1	12	Low
1674	307409.00	624039.00	0.6	Peat	Granular	9	Thin Peat	2	6	1	12	Low
1675	307459.00	624050.00	0.5	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
1676	307392.00	624015.00	0.5	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
1677	307413.00	624067.00	0.8	Peat	Granular	8	Thin Peat	2	4	1	8	Low
1678	307375.00	624062.00	0.9	Peat	Granular	8	Thin Peat	2	6	1	12	Low
1679	307373.00	624036.00	0.7	Peat	Granular	8	Thin Peat	2	6	1	12	Low
1680	307368.00	624102.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1681	307341.00	624097.00	0.4	Peat	Granular	10	Peaty Soil	0	6	1	0	Negligible
1682	307319.00	624131.00	0.6	Peat	Granular	11	Thin Peat	2	6	1	12	Low
1683	307032.00	624017.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1684	307054.00	623981.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1685	307030.00	623970.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1686	307080.00	623985.00	0.2	Soil	Granular	15	Peaty Soil	0	8	1	0	Negligible
1687	307084.00	623967.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1688	307055.00	623938.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1689	307087.00	623952.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1690	307096.00	623939.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1691	307125.00	623976.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1692	307134.00	623963.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1693	307149.00	623945.00	0.7	Peat	Granular	8	Thin Peat	2	6	1	12	Low

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1694	307184.00	623978.00	0.4	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1695	307170.00	623997.00	0.7	Peat	Granular	9	Thin Peat	2	6	1	12	Low
1696	307197.00	623957.00	0.5	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1697	307228.00	623992.00	0.1	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1698	307215.00	624014.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1699	307244.00	623973.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1700	307261.00	624028.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1701	307278.00	624006.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1702	307295.00	623978.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1703	307314.00	624043.00	0.4	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1704	307325.00	624023.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1705	307358.00	624004.00	0.4	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1706	307344.00	624073.00	0.3	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1707	307342.00	624043.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1708	308105.00	623406.00	0.1	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1709	308094.00	623312.00	0.1	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
1710	308109.00	623206.00	0.1	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1711	308098.00	623109.00	0.1	Soil	Granular	0	Peaty Soil	0	1	1	0	Negligible
1712	308009.00	623198.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1713	307995.00	623306.00	0.1	Peat	Granular	7	Peaty Soil	0	4	1	0	Negligible
1714	308022.00	623413.00	0.1	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1715	308006.00	623489.00	0.2	Peat	Rock	17	Peaty Soil	0	8	2	0	Negligible
1716	308098.00	623494.00	0.1	Peat	Granular	17	Peaty Soil	0	8	1	0	Negligible
1717	307895.00	623410.00	0.1	Peat	Granular	8	Peaty Soil	0	4	1	0	Negligible
1718	307798.00	623416.00	0.1	Peat	Granular	15	Peaty Soil	0	8	1	0	Negligible
1719	307701.00	623417.00	0.2	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
1720	307696.00	623485.00	0.2	Peat	Granular	13	Peaty Soil	0	8	1	0	Negligible
1721	307594.00	623396.00	0.1	Peat	Granular	12	Peaty Soil	0	6	1	0	Negligible
1722	307696.00	623312.00	0.1	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1723	307796.00	623224.00	0.1	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
1724	307902.00	623199.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1725	307909.00	623111.00	0.1	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1726	308001.00	623118.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1727	307891.00	623309.00	0.1	Peat	Granular	8	Peaty Soil	0	6	1	0	Negligible
1728	307794.00	623310.00	0.1	Peat	Granular	12	Peaty Soil	0	6	1	0	Negligible
1729	308200.00	623214.00	0.4	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
1730	308200.00	623309.00	0.6	Peat	Granular	6	Thin Peat	2	4	1	8	Low
1731	308301.00	623311.00	0.2	Peat	Granular	6	Peaty Soil	0	4	1	0	Negligible
1732	308400.00	623309.00	0.5	Peat	Granular	9	Peaty Soil	0	6	1	0	Negligible
1733	308506.00	623406.00	0.7	Peat	Granular	3	Thin Peat	2	2	1	4	Negligible
1734	308400.00	623409.00	0.5	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
1735	308299.00	623408.00	0.4	Peat	Granular	5	Peaty Soil	0	4	1	0	Negligible
1736	308200.00	623409.00	0.1	Soil	Granular	24	Peaty Soil	0	8	1	0	Negligible
1737	308100.00	623009.00	1.1	Peat	Granular	4	Thin Peat	2	2	1	4	Negligible
1738	308200.00	623109.00	0.8	Peat	Granular	5	Thin Peat	2	4	1	8	Low
1739	308399.00	623209.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1740	308500.00	623311.00	0.2	Soil	Rock	2	Peaty Soil	0	2	2	0	Negligible
1741	308600.00	623304.00	0.3	Peat	Granular	1	Peaty Soil	0	1	1	0	Negligible
1742	308592.00	623228.00	0.2	Soil	Rock	2	Peaty Soil	0	2	2	0	Negligible
1743	308699.00	623223.00	0.8	Peat	Granular	1	Thin Peat	2	1	1	2	Negligible
1744	308787.00	623229.00	0.4	Peat	Rock	2	Peaty Soil	0	1	2	0	Negligible
1745	308703.00	623308.00	0.2	Soil	Rock	1	Peaty Soil	0	1	2	0	Negligible
1746	308600.00	623409.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1747	308699.00	623414.00	0.6	Peat	Rock	1	Thin Peat	2	1	2	4	Negligible
1748	308799.00	623309.00	0.4	Peat	Granular	4	Peaty Soil	0	4	1	0	Negligible
1749	308796.00	623408.00	0.1	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
1750	308882.00	623411.00	0.9	Peat	Granular	8	Thin Peat	2	6	1	12	Low
1751	308108.00	623245.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1752	308097.00	623239.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1753	308081.00	623226.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1754	308091.00	623233.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1755	308065.00	623216.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1756	308076.00	623221.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1757	308058.00	623210.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1758	308050.00	623205.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1759	308055.00	623197.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1760	308033.00	623193.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1761	308040.00	623198.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1762	308047.00	623191.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1763	308039.00	623185.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1764	308064.00	623203.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1765	308072.00	623208.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1766	308080.00	623213.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1767	308088.00	623220.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1768	308105.00	623231.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1769	308096.00	623225.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1770	308113.00	623236.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1771	308118.00	623228.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1772	308110.00	623221.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1773	308102.00	623217.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1774	308092.00	623211.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1775	308086.00	623205.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1776	307999.00	623261.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1777	308008.00	623267.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1778	308000.00	623277.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1779	307993.00	623270.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1780	307987.00	623278.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1781	307994.00	623285.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1782	308010.00	623282.00	0.4	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1783	308014.00	623273.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1784	308003.00	623290.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1785	308020.00	623287.00	0.3	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1786	308023.00	623279.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1787	308011.00	623295.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1788	308031.00	623287.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1789	308039.00	623290.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1790	308033.00	623299.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1791	308027.00	623307.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1792	308020.00	623301.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1793	308025.00	623295.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1794	308049.00	623298.00	0.4	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1795	308041.00	623305.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1796	308036.00	623312.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1797	308056.00	623304.00	0.4	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1798	308050.00	623312.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1799	308066.00	623309.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1800	308072.00	623314.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1801	308059.00	623315.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1802	308066.00	623322.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1803	308075.00	623329.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1804	308042.00	623317.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1805	308051.00	623325.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1806	308060.00	623330.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1807	308069.00	623338.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1808	308081.00	623320.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1809	308087.00	623326.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1810	308082.00	623332.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1811	308077.00	623342.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1812	308059.00	623344.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1813	308024.00	623317.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1814	308111.00	623200.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1815	308091.00	623144.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1816	308106.00	623102.00	0.1	Soil	Granular	1	Peaty Soil	0	1	1	0	Negligible
1817	308166.00	623460.00	0.3	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1818	308150.00	623417.00	0.2	Soil	Granular	14	Peaty Soil	0	8	1	0	Negligible
1819	308147.00	623360.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1820	308148.00	623317.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1821	308143.00	623267.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1822	308160.00	623215.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1823	308156.00	623166.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1824	308044.00	623392.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1825	308020.00	623378.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1826	308035.00	623386.00	0.1	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1827	308026.00	623380.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1828	308011.00	623369.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1829	308003.00	623364.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1830	307995.00	623358.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1831	307986.00	623353.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1832	307979.00	623346.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1833	307992.00	623306.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1834	307986.00	623317.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1835	308001.00	623315.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1836	308009.00	623321.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1837	307997.00	623322.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1838	307981.00	623324.00	0.3	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1839	308017.00	623325.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1840	308003.00	623326.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1841	307990.00	623329.00	0.3	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1842	307968.00	623340.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1843	307977.00	623333.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1844	307986.00	623338.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1845	308027.00	623332.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1846	308014.00	623334.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1847	307992.00	623344.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1848	308000.00	623335.00	0.2	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1849	308033.00	623336.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1850	308020.00	623339.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1851	308009.00	623341.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1852	308000.00	623350.00	0.2	Soil	Granular	12	Peaty Soil	0	8	1	0	Negligible
1853	308030.00	623345.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1854	308014.00	623347.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1855	308011.00	623357.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1856	308023.00	623354.00	0.2	Soil	Granular	11	Peaty Soil	0	6	1	0	Negligible
1857	308016.00	623362.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1858	308025.00	623367.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1859	308030.00	623359.00	0.2	Soil	Granular	9	Peaty Soil	0	6	1	0	Negligible
1860	308036.00	623349.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1861	308043.00	623342.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1862	308051.00	623348.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1863	308058.00	623354.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1864	308045.00	623355.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1865	308039.00	623363.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1866	308033.00	623374.00	0.2	Soil	Rock	13	Peaty Soil	0	8	2	0	Negligible
1867	308053.00	623362.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1868	308049.00	623369.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1869	308042.00	623379.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1870	308066.00	623358.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1871	308060.00	623368.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1872	308053.00	623375.00	0.2	Soil	Granular	10	Peaty Soil	0	6	1	0	Negligible
1873	308049.00	623383.00	0.2	Soil	Granular	13	Peaty Soil	0	8	1	0	Negligible
1874	308018.00	623315.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1875	308059.00	623343.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1876	308108.00	623376.00	0.0	Soil	Granular	7	No Peat	0	4	1	0	None
1877	308143.00	623494.00	0.1	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible
1878	308130.00	623491.00	0.2	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible
1879	308139.00	623485.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1880	308109.00	623493.00	0.2	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1881	308113.00	623487.00	0.1	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1882	308123.00	623482.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1883	308135.00	623477.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1884	308094.00	623488.00	0.3	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1885	308089.00	623480.00	0.3	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1886	308103.00	623483.00	0.2	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1887	308098.00	623474.00	0.2	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1888	308112.00	623478.00	0.2	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible
1889	308116.00	623473.00	0.2	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible
1890	308127.00	623469.00	0.1	Soil	Granular	23	Peaty Soil	0	8	1	0	Negligible
1891	308122.00	623461.00	0.1	Soil	Rock	21	Peaty Soil	0	8	2	0	Negligible
1892	308114.00	623465.00	0.1	Soil	Granular	21	Peaty Soil	0	8	1	0	Negligible
1893	308104.00	623469.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1894	308117.00	623452.00	0.1	Soil	Granular	22	Peaty Soil	0	8	1	0	Negligible
1895	308109.00	623457.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1896	308100.00	623463.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1897	308113.00	623443.00	0.1	Soil	Granular	19	Peaty Soil	0	8	1	0	Negligible
1898	308102.00	623448.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1899	308094.00	623451.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1900	308089.00	623443.00	0.2	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1901	308098.00	623440.00	0.1	Soil	Granular	17	Peaty Soil	0	8	1	0	Negligible
1902	308108.00	623433.00	0.1	Soil	Granular	12	Peaty Soil	0	6	1	0	Negligible
1903	308096.00	623390.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1904	308098.00	623267.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1905	308090.00	623265.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1906	308096.00	623261.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1907	308088.00	623257.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1908	308101.00	623253.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1909	308094.00	623248.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1910	308087.00	623241.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1911	308079.00	623251.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1912	308077.00	623234.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1913	308073.00	623244.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1914	308063.00	623238.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1915	308069.00	623229.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1916	308055.00	623232.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1917	308050.00	623236.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1918	308060.00	623224.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1919	308050.00	623220.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1920	308048.00	623227.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1921	308043.00	623213.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1922	308039.00	623221.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1923	308030.00	623216.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1924	308035.00	623207.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1925	308020.00	623210.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1926	308027.00	623202.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1927	308045.00	623177.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1928	308053.00	623184.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1929	308060.00	623189.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1930	308069.00	623194.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1931	308078.00	623199.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1932	308021.00	623229.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1933	308030.00	623235.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1934	308038.00	623241.00	0.2	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1935	308046.00	623248.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1936	308054.00	623254.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1937	308014.00	623237.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1938	308009.00	623244.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1939	308009.00	623239.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1940	308005.00	623253.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1941	308013.00	623259.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1942	308018.00	623252.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1943	308024.00	623243.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1944	308021.00	623265.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1945	308028.00	623272.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1946	308028.00	623256.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1947	308035.00	623264.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1948	308032.00	623250.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1949	308041.00	623255.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1950	308037.00	623277.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1951	308043.00	623269.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1952	308049.00	623261.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1953	308045.00	623282.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1954	308051.00	623274.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1955	308049.00	623266.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1956	308057.00	623265.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1957	308064.00	623271.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1958	308062.00	623258.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1959	308059.00	623279.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1960	308070.00	623264.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1961	308054.00	623289.00	0.1	Soil	Granular	8	Peaty Soil	0	4	1	0	Negligible
1962	308079.00	623271.00	0.1	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1963	308074.00	623278.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1964	308082.00	623284.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1965	308088.00	623276.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1966	308076.00	623293.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1967	308067.00	623286.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1968	308061.00	623295.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1969	308070.00	623300.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1970	308078.00	623305.00	0.1	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1971	308084.00	623297.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1972	308085.00	623311.00	0.4	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1973	308090.00	623292.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1974	308096.00	623316.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1975	308099.00	623309.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible

ID	X	Y	Depth	Surface	Substrate	Slope	Peat Coefficient	Peat Coefficient	Slope Coefficient	Substrate Coefficient	Risk Coefficient	Potential Instability
1	309170.00	625450.00	0.1	Soil	Granular	18	Peaty Soil	0	8	1	0	Negligible
1976	308092.00	623304.00	0.2	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1977	308097.00	623295.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1978	308103.00	623303.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1979	308106.00	623299.00	0.2	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1980	308110.00	623292.00	0.1	Soil	Granular	5	Peaty Soil	0	4	1	0	Negligible
1981	308104.00	623287.00	0.2	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1982	308095.00	623281.00	0.1	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1983	308142.00	623265.00	0.3	Soil	Granular	6	Peaty Soil	0	4	1	0	Negligible
1984	308158.00	623220.00	0.3	Soil	Granular	7	Peaty Soil	0	4	1	0	Negligible
1985	308152.00	623167.00	0.3	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible
1986	308143.00	623311.00	0.2	Soil	Granular	8	Peaty Soil	0	6	1	0	Negligible

FIGURES



Peat Core Log

Hole No.
PC01
Sheet 1 of 1

Project: Oliver Forest Wind Farm Client: Oliver Forest Wind Farm Ltd Dates: 13-12-2023

Project No: 405.064770.00001 Logger: CR Approved By: RW Coordinates: E: 307858.00 N: 624317.00

Location: Tweedsmuir Hole Type: HA Level: Vertical Scale: 1:26

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%	1.00	1.00		Brown fibrous PEAT. (H3), (B3).
	1.00 - 1.80							Brown pseudofibrous PEAT. (H4), (B3).
		C	1.00 - 1.80	Recovery = 100%	1.80	1.80		Brown pseudofibrous PEAT. (H5), (B3).
								Peat Core Complete at 1.80m

Remarks:



Peat Core Log

Hole No.
PC02
Sheet 1 of 1

Project: Oliver Forest Wind Farm		Client: Oliver Forest Wind Farm Ltd		Dates: 13-12-2023	
Project No: 405.064770.00001		Logger: CR	Approved By: RW	Coordinates: E: 307872.00 N: 624323.00	
Location: Tweedsmuir		Hole Type: HA	Level:	Vertical Scale: 1:26	

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%	0.40			Brown fibrous PEAT. Frequent plant fibres throughout. (H2), (B4).
					1.00			Brown fibrous PEAT. (H3), (B4).
								Peat Core Complete at 1.00m

Remarks:



Peat Core Log

Hole No.
PC03
Sheet 1 of 1

Project: Oliver Forest Wind Farm Client: Oliver Forest Wind Farm Ltd Dates: 13-12-2023

Project No: 405.064770.00001 Logger: CR Approved By: RW Coordinates: E: 307995.00 N: 624435.00

Location: Tweedsmuir Hole Type: HA Level: Vertical Scale: 1:26

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%				Brown fibrous PEAT. (H3), (B3).
	1.00 - 2.00				1.60			
		C	1.00 - 2.00	Recovery = 100%		2.00		Brown fibrous PEAT. Frequent plant fibres throughout. (H4), (B3).
						Peat Core Complete at 2.00m		

Remarks:





Peat Core Log

Hole No.
PC04
Sheet 1 of 1

Project: Oliver Forest Wind Farm Client: Oliver Forest Wind Farm Ltd Dates: 13-12-2023

Project No: 405.064770.00001 Logger: CR Approved By: RW Coordinates: E: 308333.00 N: 624371.00

Location: Tweedsmuir Hole Type: HA Level: Vertical Scale: 1:26

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description		
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%				Dark brown fibrous PEAT. (H3), (B4).		
					0.80					
					0.90					Dark brown fibrous PEAT. (H3), (B4).
					1.00					Dense grey slightly silty gravelly medium SAND.
								Peat Core Complete at 1.00m		

Remarks:



Peat Core Log

Hole No.
PC05
Sheet 1 of 1

Project: Oliver Forest Wind Farm Client: Oliver Forest Wind Farm Ltd Dates: 13-12-2023

Project No: 405.064770.00001 Logger: CR Approved By: RW Coordinates: E: 307739.00 N: 624317.00

Location: Tweedsmuir Hole Type: HA Level: Vertical Scale: 1:26

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.80	C	0.00 - 0.80	Recovery = 100%		0.80		Brown fibrous PEAT. (H3), (B3).
								Peat Core Complete at 0.80m
	1							
	2							
	3							
	4							
	5							

Remarks:



Peat Core Log

Hole No.
PC06
Sheet 1 of 1

Project: Oliver Forest Wind Farm Client: Oliver Forest Wind Farm Ltd Dates: 13-12-2023

Project No: 405.064770.00001 Logger: CR Approved By: RW Coordinates: E: 307497.00 N: 624028.00

Location: Tweedsmuir Hole Type: HA Level: Vertical Scale: 1:26

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%	0.50			Brown fibrous PEAT. (H2), (B3).
					0.85			Brown fibrous PEAT. (H3), (B3).
					0.95			Dense grey slightly silty gravelly SAND.
					1.00			Dense orange slightly gravelly SAND.
								Peat Core Complete at 1.00m

Remarks:



Peat Auger 1
0 – 1.0m



Peat Auger 1
1.0 – 2.0m



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Peat Auger 2
0 – 1.0m



Peat Auger 3
0 – 1.0m



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Peat Auger 3
1.0 – 2.0m



Peat Auger 4
0 – 1.0m



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Peat Auger 5
0 – 1.0m



Peat Auger 6
0 – 1.0m



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