SHEPHERDS' RIG WIND FARM
ADDITIONAL ENVIRONMENTAL INFORMATION

APPENDIX 12.2:
PEAT SLIDE RISK ASSESSMENT

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1 INTRODUCTION

1.1 Background

Arcus Consultancy Services were commissioned by Infinergy to carry out a Peat Slide Risk Assessment (PSRA) for the proposed Shepherds' Rig Wind Farm (the Development) located in Dumfries and Galloway centred at National Grid Reference (NGR) NX625935. A Section 36 application was submitted in 2018 for an onshore wind development consisting of 19 turbines and associated infrastructure. Following submission and consultation, particularly with Historic Environment Scotland (SNH) and Scottish Environment Protection Agency (SEPA), an Additional Environmental Information (AEI) report has been prepared for a Revised Development, which consists of the removal of two turbines and revised locations for seven of the 19 turbines, maintaining tip heights of up to 149.9 metres (m) and 125 metres (m).

1.2 Revised Development

The Revised Development will comprise of:

- Up to 17 turbines, two with a tip height of 125 m (T1 and T3) and 15 with a tip height of up to 149.9 m. Depending on the final turbine choice, a small transformer will be located at the base of each turbine. Each turbine will have a foundation with a diameter of between 16 and 21 m, with a depth of 3 m.
- Access tracks to serve the construction and operation of the wind farm will consist of approximately 9 km of newly constructed track with a width of approximately 5 m.
- A Substation building will be located on site just south of Turbine 8, measuring approximately 145 x 24 m. This building will also include the control building, switchgear, and a battery storage facility.
- Underground cabling, laid where possible alongside the access tracks, will link the turbine transformers to the onsite substation.
- Crane hardstandings will be required adjacent to each turbine, this will consist of a main area of approximately 1400 m2 at each turbine.
- In addition to the main hardstanding areas, there will be additional flattened areas for crane assembly and turbine blade storage; however, these will be temporary and only include small areas of hardstandings.
- A construction compound will be required during the construction of the Development, forming an area of hardstanding providing space for portakabins, parking and lay down areas; this will measure approximately 100 x 50 m and be located in the south of the Site.
- Up to two onsite borrow pits are proposed, one of which is in the south of site between Turbine 18 and Turbine 19 and the other more northerly located just west of Turbine 2. The surface areas of the proposed borrow pits approximately 11,062m^2 and 11,140m^2 respectively.
- A 100 m anemometry mast will be constructed for the life span of the wind farm, with a small foundation of approximately 6 x 6 m.

The site layout plan is shown on **AEI Appendix Figure 12.2.1** appended with this report in Appendix A.

1.3 Scope and Purpose

The scope of this Peat Slide Risk Assessment is to:

- Review available desk-based site information;
- Undertake site walkover survey and peat probe surveys to characterise the prevailing ground conditions and identify existing or potential peat instability;
- Report on the findings of the survey and assess the potential instability risk and estimate the hazard from any potential peat slide; and

- Recommend mitigation measures and specific construction methodologies that should be considered during the construction period, if required.

This PSRA provides factual information on the site conditions and peat survey results in relation to the Revised Development. The desk-based information and site surveys have been utilised to assess the potential risk of any peat slide. The methodology adopted and details on the assessment are outlined in Sections 3, 4 and 5. The assessment has been undertaken in accordance with Scottish Government, 2017 'Peat Landslide Hazard and Risk Assessments: Best Practice Guide for Proposed Electricity Generation Developments' in assessing the likelihood and consequence of such an event.

The team responsible for this report comprise engineers, ecologists and hydrologists with between 10 and 20 years' experience in both the onshore renewable wind sector and civil engineering projects throughout the UK and Ireland. The client has reviewed the team's capabilities and experience and is satisfied they are appropriately competent and qualified to undertake the following assessment.

2 SITE INFORMATION AND DESK STUDY

2.1 Site Description and Topography

The land within the site boundary (the Site) which contains the turbines and associated infrastructure covers an area of 752 hectares (ha), centred on National Grid Reference (NGR) 262700, 594300. Carsphairn is the closest settlement to the Development at 5 kilometres (km) to the west, while St John's Town of Dalry is 10 km south, and Monaive is approximately 15 km to the west. The Site lies wholly within the administrative boundary of Dumfries and Galloway Council.

The topography of the Site and immediate vicinity is complex. The elevation of the Site itself ranges from approximately 400 metres (m) above ordnance datum (AOD) in the north of the Site at the peak of Craigengillan Hill and falls to 185m AOD in the most southern area of the Site. Marscalloch Hill also lies within the Site to the south west with a peak of approximately 380m AOD. The Site is in turn surrounded by hills generally peaking within the same vicinity as those within the Site itself with the exception of Beninner Gairy in the north west peaking at 710m AOD. There are a number of watercourses within the Site including Craigengillan Burn and Black Burn.

The Site predominantly comprises of commercial coniferous plantation at varying degrees of maturity. Much of the Site has recently been felled and either comprises of clear fell or young plantation.

No public roads are located within the Site, although there are a number of existing good quality forest roads.

2.2 Desk Study and Site Walkover

The purpose of the desk study and site visit was to gain a thorough understanding of site conditions including topography, geology, existing peat instability, and hydrology. The outcome of this stage of the study was the determination of the areas requiring detailed intrusive survey (by peat probing) and ultimately provide data for the assessment of peat slide hazard and risk.

Several site visits were undertaken as part of the overall EIA process during 2017 and 2018 with further probing undertaken to cover the proposed AEI layout amendments, incuding new turbine locations and a new track section. The site was examined for evidence of peatlands, presence of landslip or localised hagging and current site conditions. Geological mapping and areas of interest were pre-loaded to a handheld device for reference during site walkover. Following a review of these in parallel with the initial site walkover, the desk study aimed to identify and or verify the following:

- The general condition of peat deposits;
- Evidence of any previous peat instability;
- The presence of low lying wet/peat lands;
- Watercourses and potential other receptors; and
- Potential borrow pit locations.

During the initial site walkover, it was noted that much of the northern, central and eastern areas had historically undergone significant felling, with some areas already densely planted with young conifer trees. Newly planted coniferous plantation was very dense which restricted access by foot. The remainder of the site was occupied by mature forestry. Drainage on site was noted to be trackside ditches associated with the existing forestry tracks while man-made deeper drainage ditches were noted across the deforested areas.

Site photographs taken during the site walkover are included in Appendix B.

2.3 Published geology

2.3.1 Superficial Soils

Published geological mapping indicates superficial soils across the majority of the site to be vacant of superficial soil cover, primarily within the regions of Craigengillan Hill and Marscalloch Hill. Till deposits comprising clay, sand and gravel are shown across the eastern and southern site areas, and within the north-western site-area, peat deposits are shown.

AEI Appendix Figure 12.2.2 illustrating the Superficial Soils is included in Appendix A.

2.3.2 Solid Geology

Published bedrock geology mapping indicates the site to be underlain by Caradoc aged rocks comprising Portpatrick Formation Wacke. A geological fault was recorded within the southern site area orientated south-west to north-east through Muirdochwood. No other faults were noted. Within the northern site area, dykes intruded, noted as North Britain Siluro-Devonian aged Calc-Alkaline Dyke suite comprising Microdiorite and Porphyritic rocks. One of the major dykes is orientated south-west to north-east across the western face of Craigengillan Hill.

AEI Appendix Figure 12.2.3 illustrating the Solid Geology is included in Appendix A.

2.4 Hydrology and Hydrogeology

All turbines, crane hardstandings, upgraded access track and the construction compound at the Site lie within the primary catchment of the Water of Ken (downstream of Kendoon) and the Water of Deugh (Carsphairn Lane to Water of Ken) and within their sub-catchments.

The Water of Ken is classified by SEPA in two sections relevant to the Core Study Area. The River Ken upstream of High Bridge of Ken flows south adjacent to the eastern boundary and converges with the Water of Deugh 1.7 km south-west of the southern boundary. Downstream of this confluence the watercourse is classified as the Water of Ken downstream of Kendoon.

The National River Flow Archive (NRFA) report Average Annual Rainfall (AAR 1961 - 1990) at the Afton Water at Afton Reservoir gauging station, approximately 8 km north of the Core Study Area, as 2,165 millimetres (mm).

2.5 Historical Landslip and Geomorphology

The information assessed during desk study and supplementary site walkover revealed little evidence of potential for peat instability. The existing geomorphological characteristics did not indicate the presence of existing or historical failures or areas of future potential instability.

While the majority of the site was occupied by conifer woodland plantation some areas had been clear felled, particularly an area in the northern half of the site where exposed soils, and some rock was evident. The deforested areas had an abundance of brash and forest waste including stumps, and there were no obvious signs of instability in these areas. Narrow areas of marsh/marshy grasslands and dry heath/acid grassland exists in forestry clearings with a single localised area in the south west recorded as marsh/marshy grassland.

There were no significantly notable bare peat areas which showed signs of historic instability.

3 SITE SURVEYS AND RESULTS

3.1 Investigations

The existing peat depths across the Revised Development site have been determined through a peat probe survey undertaken during the EIA as recommended in the Scottish Government Guidance[1] and SNH[2], guidance for investigating peat. The survey was initiated to inform the EIA and site design work while supporting the peat slide risk assessment and comprised of three phases;

- Phase 1 Probing – 100 m Grid across the developable area;
- Phase 2 Probing – Infrastructure focussed probing comprising 50 m centres along tracks with perpendicular probes between 10 m and 25 m either side of track, and 10m cross-hair of turbine locations; and
- AEI Probing – Further Phase 2 level probing to cover the proposed AEI revisions and areas which were not accessible during the EIA Phase 1 and Phase 2.

Phase 1 peat depth surveys were undertaken in October 2013 comprising 100 m grid coverage across the site, where accessible. This rationale of probing is in accordance with the Phase 1 approach as detailed in the Scottish Government guidance for investigating peat.

Phase 2 peat depth surveys were undertaken in August and September 2018. The probe positions for these visits were determined by the design freeze layout and provided increased resolution along the access track alignments and in the vicinity of turbine hardstandings. Peat depths were measured at cross sections centred along the proposed access tracks at 50 m centres with offsets of 25 m on either side of the centre line. Across turbine locations, where possible, probing was carried out at 10 m centres for assessment allowing for micro siting of turbines and hardstandings relative to prevailing conditions.

AEI probing was undertaken in August 2019 to support Revised Development layout amendments, capturing the new proposed infrastructure locations being submitted with the AEI. This included new turbines and track alignments and consisted of an additional 172 probes.

Both the EIA application layout and the proposed AEI layouts were proven not to have any significant thicknesses of peat beneath the majority of infrastructure, in particular turbines, therefore no sampling took place during the survey works. The location of samples is typically taken where turbines are proposed; however, the likelihood of retrieving any significant depth of peat core at these locations was determined to be unlikely. Supplementary information on typical peat properties are provided in section 6.5 of this report and a 'Factor of Safety' (FoS) based approach was undertaken to confirm the factor-based system of risk analysis.

3.2 Summary of Peat Depths

Throughout the peat surveys to date, a total of 1,465 probes were sunk. 70% of probes recorded peat up to 0.5m in depth while 12% of probes recorded peat between 0.5 m and 1.0 m. Thick peat (where the depth was greater than 1.0 m) was recorded in 18% of locations.

The maximum peat depth recorded was 4.5 m, recorded just north of Turbine 16. More generally across the site peat thickness was 0.5 m or less, with only localised deeper

[1] https://www.gov.scot/binaries/content/documents/govscot/publications/advice-and-guidance/2017/04/peat-landslide-hazard-risk-assessments-best-practice-guide-proposed-electricity/documents/00517176-pdf/00517176-pdf/govscot%3Adocument/00517176.pdf

[2] https://www.nature.scot/sites/default/files/2017-10/Guidance-Peatland-Action-Peat-depth-survey-2017-18-A2210297.pdf

pockets recorded. The deeper pockets of peat were recorded more frequently along the most western part of the site boundary and sporadically within the centre of the southern half of the Site.

Where peat is consistently over 1.0 m thick and existing ground levels permit, the use of floating roads should be adopted. Prior to commencing works on site, the Contractor as part of any floating road design will undertake further ground investigation to establish peat characteristics and surcharging strategies. Micro-siting of turbines could further reduce any potential impact on localised deep peat.

Table 12.5 summarises the recorded peat depths.

Table 12.5 – Peat Depth Summary

Peat Depth Range (m)	No of peat probes	Percentage of Total (%)
<0.5m	1022	69.7
0.51m - 1.00m	172	11.7
1.01m - 1.50m	106	7.2
1.51m - 2.00m	59	4.0
2.01m - 2.50m	53	3.6
2.51m – 3.00m	35	2.4
3.01m – 3.50m	8	0.6
3.51m – 4.00m	5	0.4
4.01m – 4.50m	5	0.4

The Peat Probe Locations and Depths are shown on **AEI Appendix Figure 12.2.4** appended with this report, and details of the probe records are included in Appendix C.

3.3 Peat Probe Results

It is apparent that from Table 12.5 that 69.7% of the study area returned peat depths less than 0.5 m. The thickest peat deposits were generally recorded in flatter areas, particularly across the western area of the development where there were larger pockets of peat in locally low areas, as well as in the north, where locally peat was surveyed at depths up to 4.5 m. 'Interpolated Peat Depths' are illustrated on **AEI Appendix Figure 12.2.5**.

Digital Terrain Model (DTM) with 5 m accuracy has been obtained to assess the relationship between peat thicknesses and slope gradient. **AEI Appendix Figure 12.2.6** has been prepared showing the 'Slope Gradient'. This shows that where steeper slopes exist (i.e. steeper than 1:14 or 4°), peat thicknesses were found almost always less than 0.5 m and generally less than 0.3m.

4 GUIDANCE AND METHODOLOGY

4.1 Overview of Guidance and Peat Failure Mechanisms

4.1.1 Peat Depth and Slope

The SG guidance divides peat instability into two categories, 'peat slides' and 'bog bursts'. The guidance states that peat slides have a greater risk of occurrence in areas where:

- Peat is encountered at or near to ground surface level;
- The thicknesses are recorded in the region of 2.0 m (above which, in general terms, peat instability would increase with peat thickness); and
- The slope gradients are steep (between 5° and 15°).

Bog bursts are considered to have a greater risk of occurrence in areas where:

- Peat depth is greater than 1.5 m; and
- Slope gradients are shallow (between 2° and 10°).

It should be noted however that peat instability events, although uncommon, can occur out with these limits. Reports of bog bursts are generally restricted to the Republic and Northern Ireland.

Further to the general guidance above, in relation to peat depth, it is considered that the extent and depth of peat is controlled to a degree by rainfall and elevation, giving rise to three common types of peat (Boylan et al. 2008[3]):

- Upland Blanket Bog: Blanket bogs are typically about 3 m thick; however, they can be up to 5 m thick; generally thinning at greater elevations.
- Raised Bog: Raised bogs generally tend to be 3-12 m thick, averaging 7 m; with their growth occurring above the water table.
- Lowland Blanket Bog: Much the same as the upland version; however, they form around sea level in areas of very high rainfall.

Generally, the potential for peat instability increases with peat depth; however, other instability indicators needs to be considered, namely slope and substrate.

4.1.2 Substrate

Peat slide failures tend to occur at the interface of the peat and underlying substrate; therefore, understanding the nature of the underlying substrate can provide a key factor when considering the risk stability.

Using the peat probe refusal, an estimation of the underlying materials can be determined based on;

- 'abrupt' for rockhead,
- 'crunching' for sand and gravel; and
- 'gradual refusal' for clay.

Where sand and/or gravel is recorded, the interface is considered to be the best-case scenario with the highest friction value.

Where clay is recorded, the upper horizons of the clay are typically softened through poor drainage in this soil group with low shear strengths expected. While rock substrate provides a high strength, the surface being smooth can lead to a weak interface, with similar risk to that of a clay substrate.

The presence of slip material or evidence of peat instability would represent the worst-case scenario for the assessment of substrate.

[3] Boylan et al (2008), Peat Slope Failure in Ireland

4.1.3 Other Considerations

Preparatory factors which effect the stability of peat slopes in the short to medium-term include:

- Loss of surface vegetation (deforestation);
- Changes in sub-surface hydrology;
- Increase in the mass of peat through accumulation, increase in water content and growth of tree planting; or
- Reduction in shear strength of peat or substrate due to chemical or physical weathering, progressive creep and tension cracking.

Triggering factors which can have immediate effect on peat stability and act on susceptible slopes include:

- Intensive rainfall or snow melt causing pressures along existing or potential peat/substrate interfaces;
- Snow melt;
- Alterations to drainage patterns, both surface and sub-surface;
- Peat extraction at the toe of the slope reducing the support of the upslope material;
- Peat loading (commonly due to stockpiling) causing an increase in shear stress; and
- Earthquakes or rapid ground accelerations such as due to blasting or mechanical movement.

Consideration of peat stability forms an integral part of the design of a windfarm development. While peat does not wholly provide a development constraint, areas of deep peat or peat deposits on steep slope should be either avoided through design and micro-siting or through mitigation measures designed to avoid instability and movement.

4.2 Methodology

The PSRA has been carried out in accordance with the Energy Consents Unit, Scottish Government guidance of 2017 titled 'Peat Landslide Hazard and Risk Assessments - Best Practice Guide for Proposed Electricity Generation Developments'[4], Scottish Government.

In June 2014, the new 'Scottish Planning Policy'[5] (SPP) and 'National Planning Framework (NPF3)'[6] were published. In relation to peat and the assessment of effects on resource, NPF3 references Scottish Natural Heritage 'Scotland's National Peatland Plan'[7]. These policy, framework and guidance documents are therefore also considered in this PSRA. The PSRA undertaken is based on;

- Desk based assessment;
- Site Walkover;
- An initial Phase 1 peat probing scheme;
- A second phase of probing comprising infrastructure specific probing;
- Supplementary AEI probing; and
- A hazard and risk ranking assessment.

The area of the development subject to assessment was determined by the emerging development layout which considered both anticipated peat deposits as well as other physical and environmental constraints.

[4] https://www.gov.scot/Publications/2017/04/8868
[5] http://www.scotland.gov.uk/Topics/Built-Environment/planning/Policy
[6] http://scotland.gov.uk/Resource/0045/00453683.pdf
[7] https://www.nature.scot/climate-change/taking-action/carbon-management/restoring-scotlands-peatlands/scotlands-national-peatland-plan

4.2.1 Development of Hazard Rank

The early stages of the PSRA including the desk study, site visit and peat probing were carried out in parallel with the assessment of wider constraints and the development of the windfarm layout. Following identification of peat depths within the site, the assessment has determined the potential effects on the peat resource from construction activities which would include:

- Construction of tracks;
- Excavation of turbine bases;
- Foundation construction;
- Construction of hardstanding;
- Temporary storage of peat and soils; and
- The formation of borrow pits.

An assessment of the peat probing data and a review against desk study information was undertaken, and a hazard rank was calculated for different zones across the site reflecting risk of peat instability/constraint to construction.

Where practical, the development design progressed to avoid areas of a risk score above 'low'. Where this has would not be achievable, areas affected would be discussed in both the EIA as having significant effect, with relative mitigation measures proposed to reduce this, and recorded on a risk register which sets out specific mitigation measures which are considered necessary to reduce the risk of inducing instability.

Details of the hazard and risk ranking assessment is included in Sections 5 and 6 of this report.

5 HAZARD AND EXPOSURE ASSESSMENT

5.1 Background

A 'Hazard Ranking' system has been applied across the site 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

Where 'Hazard' represents the likelihood of any peat slide event occurring, and 'Exposure' being the impact or consequences that a peat slide may have on sensitive receptors that exist on and around the study area.

5.2 Methodology

The determination of Hazard and Exposure values is based on a number of variables which impact the likelihood of a peat slide (the Hazard) and the relative importance of these variables specific to the site.

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 predefined system, the approach to determining and categorising Hazard and Exposure is determined on a site by site basis. The particular system adopted for the Revised Development PSRA assessment is outlined in the following sub sections.

5.3 Hazard Assessment

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

- Peat depth;
- Slope gradient;
- Substrate material;
- Evidence of instability or potential instability;
- Vegetation cover; and
- Hydrology.

Of these, peat depth and slope gradient are considered to be principal factors. Without a sufficient peat depth and a prevailing slope, peat slide hazard would be negligible. For the Revised Development, the substrate material is also considered a relevant factor in relation to slide. This approach is consistent with recommendations in the SG guidance, while supplemented by the substrate factor being considered.

The findings of the peat depth survey have indicated very shallow peat or no peat across most of the Revised Development. Construction activities and pre-construction activities, such as tree removal, are not considered to be a possible trigger for peat instability since the peat is generally thin in areas of forestry, and where peat exists locally in the western site of up to 4.5m, the topography is essentially flat.

While blasting is considered a potential option during borrow pit workings, there were no significant peat thickness recorded either within the borrow pits or surrounding areas; therefore, blasting is not anticipated to be the cause of any potential peat slide.

5.4 Hazard Rating

When several factors may impact on the Hazard potential, a relative ranking process is applied attributing different weighting to each factor as shown below.

Table 2: Coefficients for Slope Gradients

Slope Angle (degrees)	Slope Angle Coefficients
Slope < 2°	1
2° < Slope < 4°	2
4° < Slope < 8°	4
8° < Slope < 15°	6
Slope >15°	8

Table 3: Coefficients for Peat Thickness and ground conditions

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

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

Table 4: Coefficients for Substrate

Substrate Material	Substrate Coefficients
Sand/gravel	1
Rock	1.5
Clay	2
Not proven	3
Slip material (Existing materials)	5

The Hazard Rating Coefficient for a particular location is calculated using the following equation:

Hazard Rating Coefficient = Slope Gradient x Peat Thickness x Substrate

From the Hazard Rating Coefficient, the risk to stability can be ranked as set out in Table 5.

Table 5: Hazard Rating

Hazard Rating Co-efficient	Potential Stability Risk (Pre Mitigation)
<5	Negligible
5 to 15	Low
16 to 30	Medium
31 to 50	High
> 50	Very High

5.5 Peat Stability Assessment

The likelihood of a particular slope or hillside failing can be expressed as a Factor of Safety. For any potential failure surface, there is a balance between the weight of the potential landslide (driving force or shear force) and the inherent strength of the soil or rock within the hillside (shear resistance).

The guidance states that the 'Infinite Slope' method of analysis, after Skempton and DeLory (1957), is the most well established and commonly applied method for the assessment of peat slope stability. The stability of a slope can be assessed by calculating the factor of safety F, which is the ratio of the sum of resisting forces (shear strength) and the sum of the destabilising forces (shear stress):

$$F = \frac{c' + (\gamma - m\gamma_w) z \cos^2 \beta \tan \phi'}{\gamma z \sin \beta \cos \beta}$$

where c' is the effective cohesion, γ is the bulk unit weight of saturated peat, γ_w is the unit weight of water, m is the height of the water table as a fraction of the peat depth, z is the peat depth in the direction of normal stress, β is the angle of the slope to the horizontal and ϕ' is the effective angle of internal friction. Values of F < 1 indicate a slope would have undergone failure under the conditions modelled; values of F > 1 suggest conditions of stability.

Assumed geotechnical parameters have been utilised in the formula to inform the stability assessment, based on literature values to inform the stability analysis, as included in Table 7.

Table 7 – Literature For Geotechnical Parameters of Peat

Reference	Effective Cohesion C' (kPa)	Effective Angle of Friction ϕ (°)	Unit Weight Y' (kN/m2)	Comments
Hanrahan et al (1967)[8]	5.5 – 6.1	36.6 - 43.5	-	Remoulded H4 Sphagnum peat
Hollingshead and Raymond (1972)[9]	4.0	34	-	-
Hollingshead and Raymond (1972)	2.4 – 4.7	27.1 – 35.4	-	Sphagnum peat (H3, mainly fibrous)
Carling (1986)[10]	6.52	0	10	-
Kirk (2001)[11]	2.7 – 8.2	26.1 – 30.4		Ombrotrophic blanket peat
Warburton et al (2003)[12]	5.0	23	9.68	Basal Peat
Warburton et al (2003)	8.74	21.6	9.68	Fibrous Peat

[8] Hanrahan et al (1967) - Hanrahan, E.T., Dunne, J.M., and Sodha, V.G. 1967. Shear strength of peat. Proceedings Geotechnical Conference, Oslo, Vol. 1, pp. 193–198.

[9] Hollingshead and Raymond (1972) - Hollingshead, G.W., and Raymond, G.P. 1972. Field loading tests on Muskeg, Canadian Geotechnical Journal, 9(3): 278–289.

[10] Carling (1986) - Peat slides in Teesdale and Weardale, northern pennines, july 1983: Description and failure mechanisms

[11] Kirk (2001) - Initiation of a multiple peat slide on Cuilcagh Mountain, Northern Ireland

[12] Warburton et al (2003) - Anatomy of a Pennine peat slide, Northern England

Dykes and Kirk (2006)	3.2	30.4	9.61	Acrotelm
Dykes and Kirk (2006)	4.0	28.8	9.71	Catotelm

C' – effective cohesion (kPa), typically ranging from 2.5 to 8.5 therefore 5.0 has been adopted for the purposes of the assessment.

ϕ – effective angle of friction (°), typically ranging from 21.6 to 43.5 therefore 29.6 has been adopted for the purposes of the assessment.

Y' – unit weight (kN/m2), typically ranging from 9.61 to 10, therefore 10 has been adopted for the purposes of the assessment.

In accordance with the best practice method, F values of <1.0 indicate slopes that would experience failure under the modelled conditions and as such are considered areas of high risk. However, Boylan et al (2008) indicate that a relatively high value of F=1.4 should be used to identify slopes with the potential for instability. Adopting this approach, high risk areas area indicated where F is <1.0, medium risk areas are indicated as 1.01 to 1.50 and >1.5 are low risk.

Using digital terrain modelling and GPS co-ordinates of each peat probe, a factor of Safety, F has been calculated for each probe locations which has been interpolated through ArcGIS Spatial Analyst tools. The Factor of Safety Assessment provides a sense check of the ranking based system, providing an absolute approach to the 'Factor of Safety Plan' is shown on **Figure 12.2.7**.

The results of the Factor of Safety calculations indicated all points on the site as low risk, with 5 points recorded less than 2.0 but greater than 1.5. The remainder were greater than 2.0.

5.6 Exposure Assessment

The main Exposure receptors identified within the site and surrounding area which could potentially be affected in the event of a peat slide were primarily watercourses and associated tributaries, existing tracks and paths and the proposed wind farm infrastructure.

The impact of a peat slide on receptors can be assessed on a relative scale based on the potential for loss of habitat, a historical feature or disruption/danger to the public. To effectively assess the impact, the assessment of Exposure effect must also consider the distance between the hazard and the receptor, and the relative elevation between the two.

5.7 Exposure Rating

Similar to the Hazard Rating, the Exposure Ratings were determined using relative ranking process by attributing the different weighting systems to each factor as shown below:

Table 6: Coefficients for Impact Receptor

Receptor	Receptor Coefficients
Tracks/footpaths	2
Non-critical infrastructure, minor/private roads	3
Minor watercourses and tributaries, critical infrastructure (pipelines, motorways, dwellings, business properties).	6
Residential Properties/Community, Watercourses/Lochs, important habitat	8

Table 7: Coefficients for Distance from Receptor

Distance from Receptor	Distance Coefficients
> 1 km	1
100 m to 1 km	2
10 m to 100 m	3
<10 m	4

Table 8: Coefficients for Receptor Elevation

Receptor Elevation	Elevation Coefficients
< 10 m	1
10 m to 50 m	2
50 m to 100 m	3
> 100 m	4

The Exposure Rating Coefficient for a particular location is calculated using the following equation:

Exposure Rating Coefficient = Impact Receptor x Distance x Elevation

From the Hazard Rating Coefficient, the risk to stability is can be ranked as set out in Table 9.

Table 9: Exposure Rating

Exposure Rating Co-efficient	Potential Stability Risk (Pre Mitigation)
<10	Very Low
11 to 20	Low
21 to 30	High
31 to 50	Very High
>50	Extremely High

5.8 Rating Normalisation

In order to achieve an overall Hazard Ranking in accordance with the Scottish Government Guidance, the Hazard and Exposure Rating Coefficient derived from the coefficient tables are normalised as shown in Table 10. The normalisation is conservatively rated in relation to hazard as this part of the assessment considers *peat depth x slope gradient x substrate* (although it is acknowledged that the substrate value is subjective based on probe resistance).

Table 10: Rating Normalisation

Hazard Rating		Exposure Rating	
Current Scale	**Normalised Scale**	**Current Scale**	**Normalised Scale**
< 5 Negligible	1	<10 Very Low	1
5 to 15 Low	2	11 to 20 Low	2
15 to 31 Medium	3	21 to 30 High	3
31 to 50 High	4	31 to 50 Very High	4
>50 Very high	5	>50 Extremely High	5

The record of the Hazard Rank Assessment is included in Appendix B of this report.

6 HAZARD RANKING

Having identified the rating coefficients as defined in Section 5 of this report, it is possible to categorise areas of the site with a Hazard Ranking by multiplying the Hazard and Exposure Rating. Hazard Ranking and associated suggested actions matrix are shown in Tables 12 and 13 below:

Table 12 - Hazard Ranking and Suggested Actions

Hazard Ranking		Action Suggested in the Scottish Executive Guidance
17-25	High	Avoid project development at these locations.
11-16	Medium	Project should not proceed unless hazard can be avoided or mitigated at these locations, without significant environmental impact, in order to reduce hazard ranking to low or less
5-10	Low	Project may proceed pending further investigation to refine assessment. Mitigation of hazards maybe required through micro-siting or re-design at these locations.
1-4	Negligible	Project should proceed with monitoring and mitigation of peat landslide hazards at these locations as appropriate.

Table 13 - Hazard Ranking Matrix

Hazard Rating	5	Low	Low	Medium	High	High
	4	Negligible	Low	Medium	Medium	High
	3	Negligible	Low	Low	Medium	Medium
	2	Negligible	Negligible	Low	Low	Low
	1	Negligible	Negligible	Negligible	Negligible	Low
		1	2	3	4	5
		Exposure Rating				

Receptor exposure was assessed for each of the four hazard zones using the approach in Section 5. A summary of the Hazard Ranking result for each identified area is summarised in Table 14 and is presented in **Figure 12.2.8** 'Hazard Ranking Zonation Plan'. The zonation is based on a combination of considerations including calculated hazard result, peat depth, topography and receptors and land uses.

7 SLIDE RISK AND MITIGATION

7.1 General

The PSRA has shown the site to be of generally negligible or low hazard ranking, with two isolated areas recorded as medium risk. Following receipt of the finalised Revised Development infrastructure layout, a specific risk register has been prepared and is provided.

Where the hazard ranking has been lowered through mitigation measures, the original ranking will remain in the overall hazard zoning plan, and this should be acknowledged should there be future amendments to the infrastructure layout.

While the specific recommended mitigation in the low and medium ranked areas are proposed and are embedded in the design at EIA stage, it remains necessary for detailed design and construction of the development infrastructure to be undertaken in a competent and controlled manner.

The embedded mitigation and good practice measures are set out in Section 7.2. It should be noted that the mitigation measures defined are not exclusive and other forms of mitigation may well be required and should be developed by designers and implemented during construction of the scheme.

Table 7.1 - Risk Register

Hazard Area and Infrastructure		**Unmitigated Hazard**		**Mitigated Hazard**	
Hazard Area	**Infrastructure Affected**	**Ranking**	**Key Aspects**	**Specific Actions**	**Ranking**
H1	No Infrastructure proposed	Negligible.	-	-	Negligible
H2	T1, T2, T3, T5, BP1 and associated infrastructure	Generally Negligible risk across the proposed infrastructure. – Three isolated low risk areas where peat depths were between 0.5m and 2.2m on slopes between 4° and 8°. The wider area comprised of slope up to 15° but no infrastructure is proposed in that area.	Location and topography: South Western side of Craigengillan Hill - Generally sloping west, south-west. Hydrology: Isolated peat up to 2.2m in the vicinity of an unnamed tributary of Marbrack Burn. Peat Depth: (min) 0.0m - (max) 2.20m. Generally, <0.50m Slope Gradient: 0° to 15° Exposure: Existing track/proposed infrastructure	No specific actions for this area. This area was probed during both phases of investigation works. No significant peat deposits were recorded in the vicinity of the proposed infrastructure	Negligible

H3	T4, T6, T8 and associated infrastructure	Generally Negligible risk across the proposed infrastructure. - Peat depths were recorded up to 3.0m, although generally 2.0m. Slope gradients ranged between 2° and 4°. The assessment recorded slide risk area of 'Negligible due to the shallow nature of the gradient.	Location and topography: South Western side of Craigengillan Hill – Gentle slope to the west. Hydrology: Peat up to 2.2m in the vicinity of an unnamed tributary of Polshag Burn in the extremities of the west and up to 3.0m in the vicinity of unnamed tributaries of the Craigengillan Burn. Peat Depth: (min) 0.2m - (max) 3.0m. Generally, 1.50m - 2.0m Slope Gradient: 0° to 4° Exposure: Proposed infrastructure	Micro-siting of turbines out of deep peat will reduce the risk further in this area.	Negligible
H4	T10, Substation compound and associated infrastructure	Generally Negligible risk across the proposed infrastructure - Peat depths were recorded up to 4.1m, although generally between 1.5m and 3.0m on mainly 2° but up to 4°. The assessment recorded slide risk area of 'Negligible due to the shallow nature of the gradient.	Location and topography: East of Furmiston Craig and south of Craigengillan Hill – Generally flat lying, but gently sloping east. Hydrology: Peat up to 3.0m in a topographically low area. No water courses in the immediate vicinity. Peat Depth: (min) 0m - (max) 3.0m. Generally, 1.50m - 2.0m Slope Gradient: 2° to 4° Exposure: Proposed infrastructure	Micro-siting of turbines out of deep peat will reduce the risk further in this area.	Negligible

H5	T12 and associated infrastructure	Negligible – Generally negligible risk with isolated zones of low risk areas where thin peat and steep slopes exist and minor water features are in close proximity.	Location and topography: Central Site area – Slightly sloping east. Hydrology: Minor water features (Craigengillan Burn and Black Burn exist). No peat recorded within close proximity to the water features. Peat Depth: (min) 0.0m - (max) 3.00m. Generally, <0.5 – 1.0m Slope Gradient: 4° to 8° Exposure: Minor watercourses, proposed infrastructure. Water Feature – Craigengillan Burn and Black burn	Micro-siting of turbines out of deep peat will reduce the risk further in this area.	Negligible
H6	No Infrastructure proposed	Negligible.	-	-	Negligible

H7	T13, T16 and associated infrastructure	Low – Isolated zones of low risk areas where topography in generally flat and peat is recorded as consistently deep, up to 4.5m. Proposed infrastructure is in close proximity.	Location and topography: Western Site area – Generally flat, slightly sloping west Hydrology: None Peat Depth: (min) 0.0m - (max) 4.50m. Generally, 2.00m – 2.50m Slope Gradient: <2° to 4° Exposure: Proposed infrastructure. Water Feature – None noted	Micro-siting of turbines out of deep peat will reduce the risk further in this area.	Negligible
H8	T9 and associated infrastructure, substation	Negligible – Generally negligible risk with thin peat across the majority and areas of steep topography. Minor water features are in close proximity.	Location and topography: Western and Central Site area – Slightly sloping east. Hydrology: Minor water features (Craigengillan Burn crossing and tributaries of Black Burn exist). No peat recorded within close proximity to the water features. Peat Depth: <0.5 – 1.0m Slope Gradient:Generally 4° to 8°but up to 15° Exposure: Minor watercourses, proposed infrastructure. Water Feature – Craigengillan Burn and Black burn		Negligible

H9	T14, T15 and associated infrastructure	Negligible – risk with mainly thin or no peat under infrastructure. Generally shallow topography. Minor water features are in close proximity.	Location and topography: Southern/Central Site area – Generally flat, slightly sloping south-east. Hydrology: Minor water features (Black Burn). Thin peat <0.5m recorded within close proximity to the water features. Peat Depth: (min) 0.0m – (max) 2.00m. Generally, <0.5 – 1.0m Slope Gradient: <2° to 8° Exposure: Minor watercourses, proposed infrastructure. Water Feature –Black Burn		Negligible
H10	T17, T18, T19, Borrow Pit 2 and associated infrastructure	Negligible – risk with mainly thin or no peat under infrastructure. Thin peat 0.5m located north of T17. Varying topography. Minor water features are in close proximity.	Location and topography: Southern/Central Site area – Generally sloping south-east, localised steep areas and localised flat areas. Hydrology: Minor water features (Dry Burn). No peat recorded within close proximity to the water features. Peat Depth: (min) 0.0m – (max) 2.10m. Generally, <0.5m Slope Gradient: Varies from <2° to 15° Exposure: Minor watercourses, proposed infrastructure. Water Feature –Dry Burn		Negligible

H11	No Infrastructure proposed	Negligible.	-	-	Negligible
H12	No Infrastructure proposed	Negligible.	-	-	Negligible
H13	Construction Compound	Negligible	Negligible –risk with mainly thin or no peat under infrastructure. Localised single location recorded 4.0m depth next to existing track.	Location and topography: Flat lying southern area at site access, gradually steeper towards the north. Hydrology: Minor water features (Burn). Peat Depth: (min) 0.0m – (max) 4.50m. Generally, <0.5m Slope Gradient: Varies from <2° to 15° Exposure: Minor watercourse, proposed infrastructure.	

7.2 Embedded Mitigation

Embedded mitigation includes measures taken during design of the Revised Development to reduce the potential for peat slide risk. In summary, the principal measures that have been taken are:

- Locating infrastructure on shallower slopes, where possible; and
- Locating infrastructure on areas of shallow peat (or no peat) where possible, specifically turbines T4, T6, T8, T9, T10, T13 and T16.

7.3 Peat Slide Mitigation Recommendations

The following mitigation measures should be adopted post consent stage to validate the PSRA and influence the detailed design of the Revised Development:

- Verification peat probing on any micro-sited turbine locations undertaken as part of the ground investigation prior to detailed design;

- Identification of areas sensitive to changes in drainage regime prior to detailed design;
- Update the PSRA as necessary following detailed ground investigations;
- Development of a drainage strategy that will not create areas of concentrated flow and will not affect the current peatland hydrology;
- Design of a development drainage system for tracks and hardstanding that will require minimal ongoing maintenance during the operation of the windfarm;
- Inspection and maintenance of the drainage systems during construction and operation;
- Identification of suitable areas for stockpiling material during construction prior to commencement of works; and
- Consideration of specific construction methods appropriate for infrastructure in peat land (i.e. geogrids) as part of design development.

7.4 Pre-Construction Investigations Recommendations

Following completion of this PSRA, it is considered that there are no significant benefit in undertaking further intrusive ground investigation to determine peat conditions prior to submission for consent.

Prior to commencement of construction, further confirmatory probing should be undertaken as part of a site-wide construction phase intrusive ground investigation.

8 CONCLUSIONS

This PSRA has been updated for the proposed Shepherds' Rig Windfarm AEI Revised Development site layout in accordance with the SEG. The EIA peat probing was supplemented by additional probing specific to the new proposed AEI layout. The information gathered during this investigation was used to develop a Hazard Ranking across the Revised Development site.

The peat probe surveys have demonstrated that the majority of the site is underlain by thin or negligible deposits of peat. The infrastructure associated with T6 and T8 are in the vicinity of deep peat; however, could be micro sited subject to detailed ground investigation prior to the construction phase.

Based on the scope of the study, the PSRA shows the site to be generally of negligible or locally low hazard rank. Notwithstanding this, infrastructure should be checked on site and micro siting adopted if required in order to maintain the design objective of avoiding peat slide risk.

9 SOURCES OF INFORMATION

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- Scottish Government, Scottish Natural Heritage, SEPA (2017) Peatland Survey, Guidance on Developments on Peatland;
- The Scottish Government - Scotland's Third National Planning Framework, 2014;
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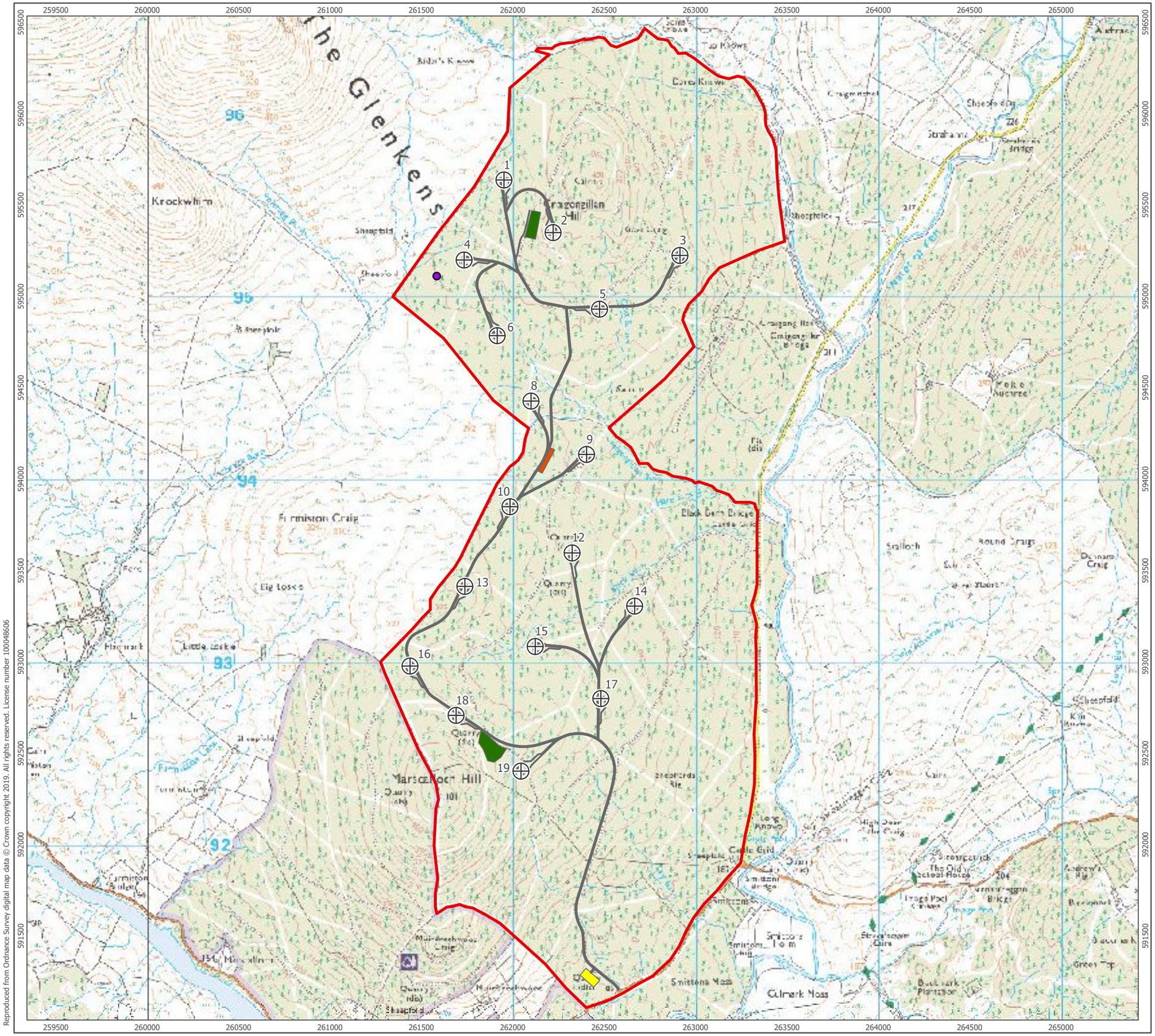
- Soil Survey of Scotland - 'Scottish Peat Surveys' 1964;
- British Geological Survey (BGS)- Online GeoIndex;
- Ordnance Survey (OS) topographical information;
- National River Flow Archive (1961-1990) Rainfall Distribution https://nrfa.ceh.ac.uk/rainfall-statistics
- Assessments by other EIA specialists (specifically hydrology and ecology for data on sensitive receptors); and
- Aerial and Satellite photography.
- Hanrahan et al (1967) - Hanrahan, E.T., Dunne, J.M., and Sodha, V.G. 1967. Shear strength of peat. Proceedings Geotechnical Conference, Oslo, Vol. 1, pp. 193–198.
- Hollingshead and Raymond (1972) - Hollingshead, G.W., and Raymond, G.P. 1972. Field Loading Tests on Muskeg, Canadian Geotechnical Journal, 9(3): 278–289.
- Carling (1986) - Peat slides in Teesdale and Weardale, northern Pennines, July 1983: Description and Failure Mechanisms
- Warburton et al (2003) - Anatomy of a Pennine peat slide, Northern England
- Dykes and Kirk (2006) - Geomorphological maps of Irish peat landslides created using hand-held GPS
- Boylan et al (2008), Peat Slope Failure in Ireland
- Kirk 2001 - Initiation of a multiple peat slide on Cuilcagh Mountain, Northern Ireland

APPENDIX A - FIGURES



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P:\Projects\Engineering\Projects\3342 Shepherds Rig SEI\3342 Shepherds Rig SEI.aprx\3342-REP-005 Fig12.2.1 Site Layout Plan

INFINERGY

ARCUS

- Proposed Turbine Location
- Site Boundary
- Meteorological Mast Location
- Tracks and Hardstanding
- Substation
- Construction Compound
- Borrow Bit Search Area

1:20,000 Scale @ A3

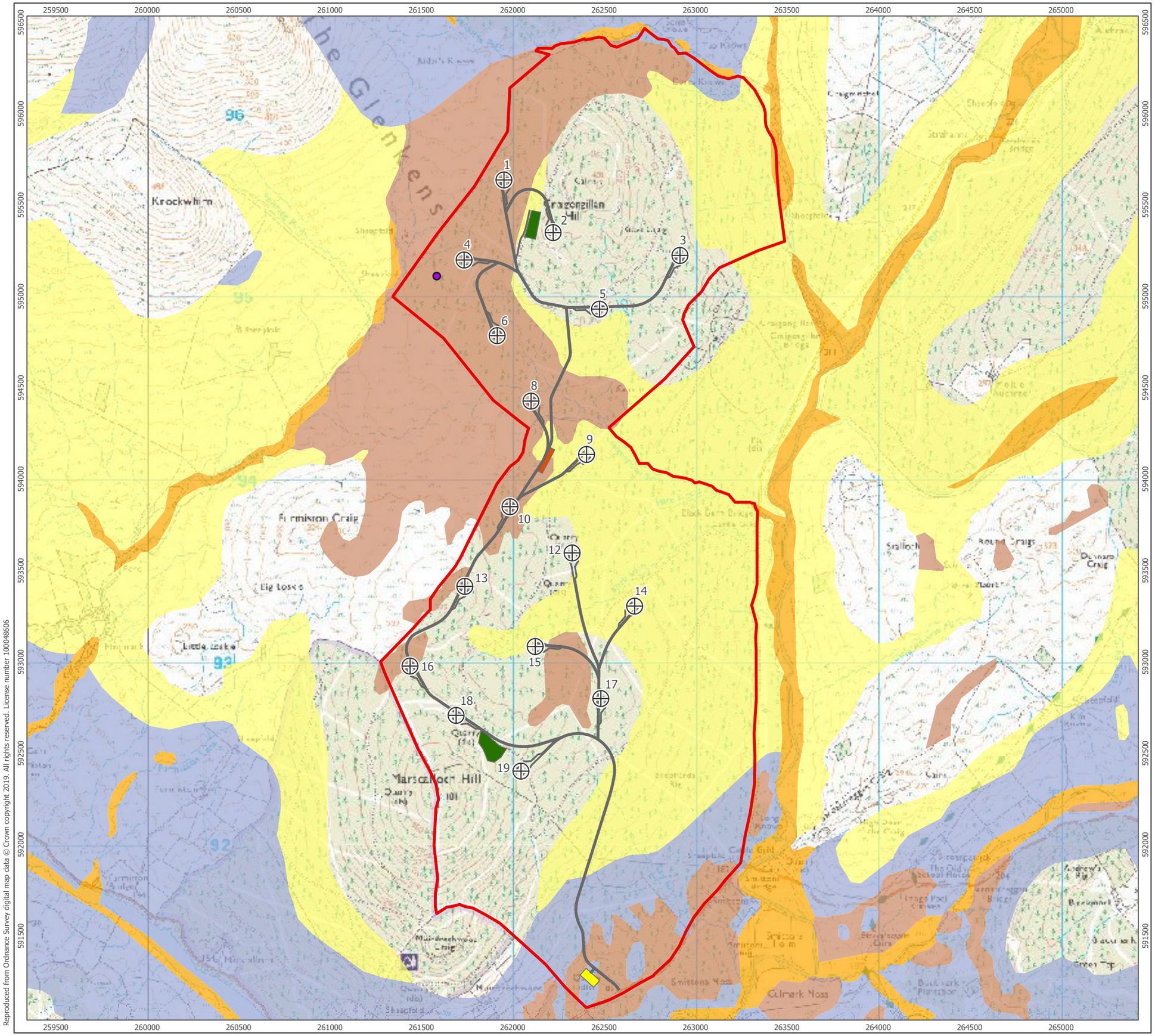
0 0.5 1 km

NORTH

Produced By: SC	Ref: 3342-REP-005
Checked By: DB	Date: 09/10/2019

Site Layout Plan
Figure 12.2.1

Technical Appendix 12.2
Shepherds' Rig AEI
Peat Slide Risk Assessment



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P:\Projects\Engineering\Projects\3342 Shepherds Rig SEI\3342 Shepherds Rig SEI.aprx\3342-REP-006 Fig12.2.2 Superficial Geology

INFINERGY

ARCUS

- Proposed Turbine Location
- Site Boundary
- Meteorological Mast Location
- Tracks and Hardstanding
- Substation
- Construction Compound
- Borrow Bit Search Area

Superficial Geology

- Alluvial Fan Deposits
- Alluvium
- Hummocky (Moundy) Glacial Deposits
- Hummocky (Moundy) Glacial Deposits, Devensian
- Peat
- River Terrace Deposits (Undifferentiated)
- Till, Devensian

1:20,000 Scale @ A3

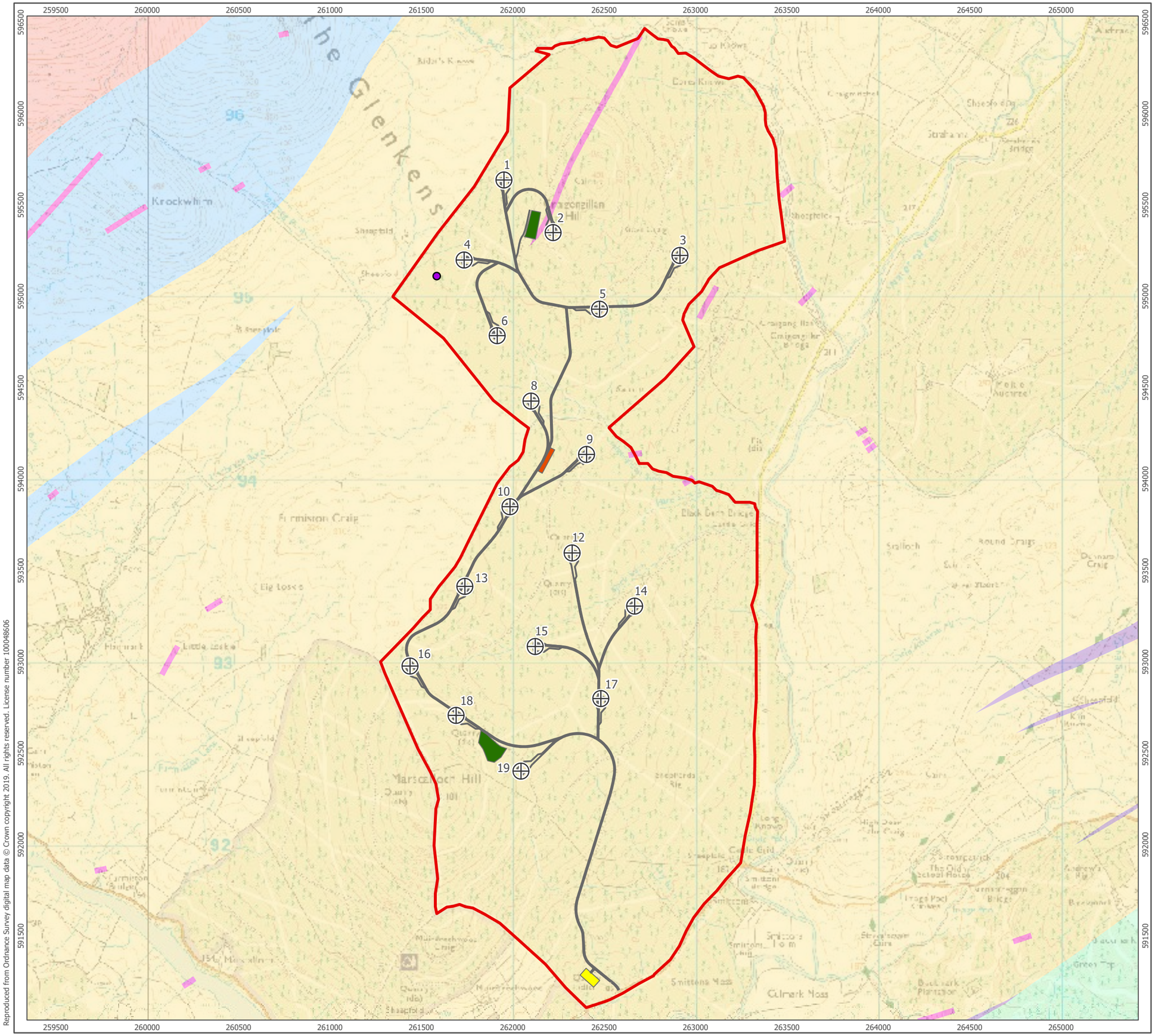
0 0.5 1 km

NORTH

Produced By: SC	Ref: 3342-REP-006
Checked By: DB	Date: 09/10/2019

Superficial Geology
Figure 12.2.2

Technical Appendix 12.2
Shepherds' Rig AEI
Peat Slide Risk Assessment



INFINERGY

ARCUS

- Proposed Turbine Location
- Site Boundary
- Meteorological Mast Location
- Tracks and Hardstanding
- Substation
- Construction Compound
- Borrow Bit Search Area

Solid Geology

- Armathwaite-Cleveland Dyke
- Cairnsmore of Carsphairn Pluton
- Glenlee Formation
- Glenwhargen Formation
- Kirkcolm Formation
- Moffat Shale Group
- North Britain Siluro-Devonian Calc-Alkaline Dyke Suite
- Portpatrick Formation
- Shinnel Formation
- South of Scotland Granitic Suite

1:20,000 Scale @ A3

0 0.5 1 km

NORTH

Produced By: SC	Ref: 3342-REP-007
Checked By: DB	Date: 09/10/2019

Solid Geology
Figure 12.2.3

Technical Appendix 12.2
Shepherds' Rig AEI
Peat Slide Risk Assessment

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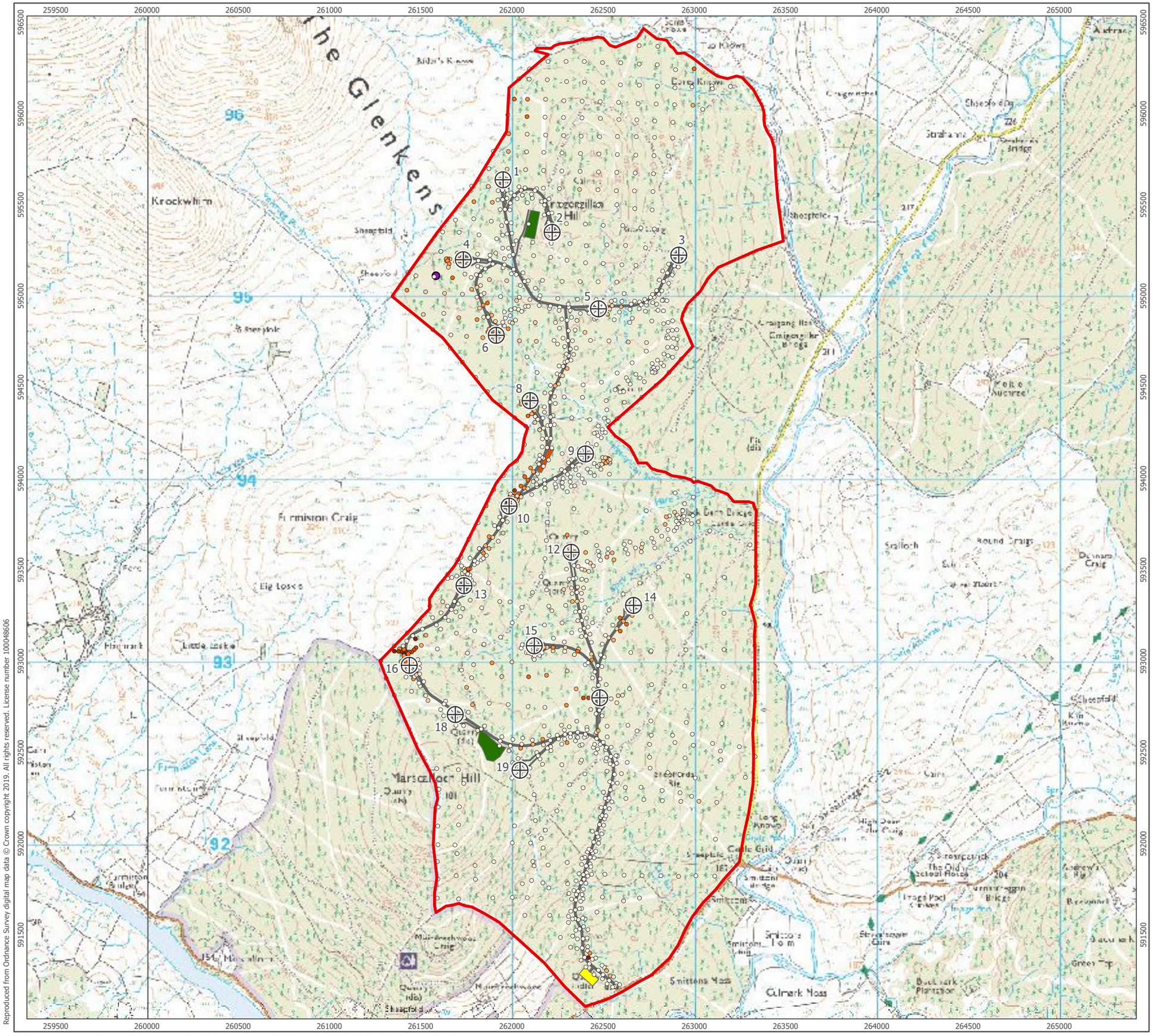
P:\Projects\Engineering\Projects\3342 Shepherds Rig SEI\3342 Shepherds Rig SEI.aprx\3342-REP-007 Fig12.2.3 Soild Geology



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P:\Projects\Engineering\Projects\3342 Shepherds Rig SEI\3342 Shepherds Rig SEI.aprx\3342-REP-008 Fig12.2.4 Recorded Peat Depths

INFINERGY

ARCUS

- Proposed Turbine Location
- Site Boundary
- Meteorological Mast Location
- Tracks and Hardstanding
- Substation
- Construction Compound
- Borrow Bit Search Area

Peat Probe Locations

- 0 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- 2.01 - 2.50
- 2.51 - 3.00
- 3.01 - 3.50
- 3.51 - 4.00
- 4.01 - 4.50

1:20,000 Scale @ A3

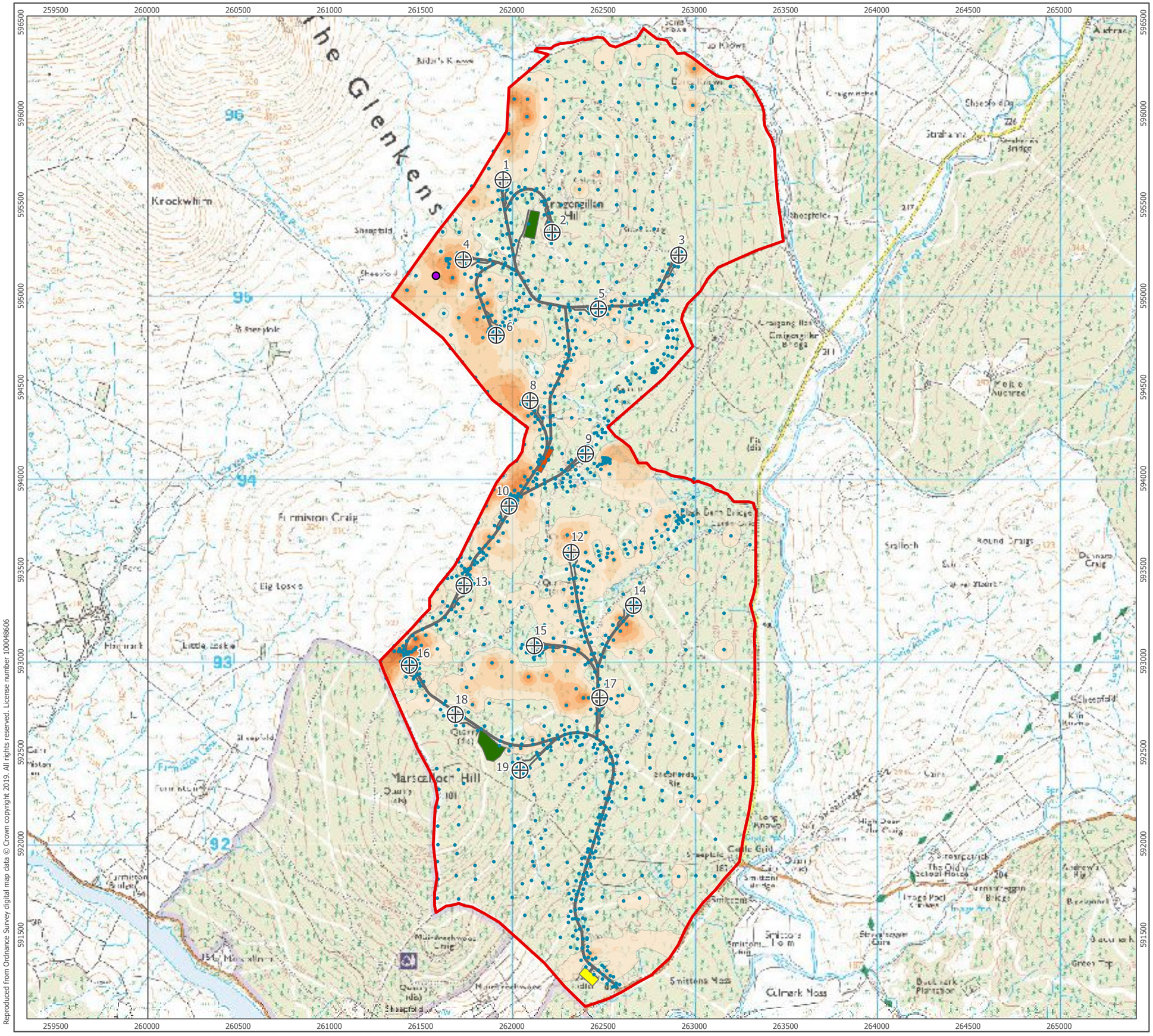
0 0.5 1 km

NORTH

Produced By: SC	Ref: 3342-REP-008
Checked By: DB	Date: 09/10/2019

Recorded Peat Depths
Figure 12.2.4

Technical Appendix 12.2
Shepherds' Rig AEI
Peat Slide Risk Assessment



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P:\Projects\Engineering\Projects\3342 Shepherds Rig SEI\3342 Shepherds Rig SEI.aprx\3342-REP-009 Fig12.2.5 Interpolated Peat Depths

INFINERGY

ARCUS

- Proposed Turbine Location
- Site Boundary
- Meteorological Mast Location
- Peat Probe Locations
- Tracks and Hardstanding
- Substation
- Construction Compound
- Borrow Bit Search Area

Peat Depth Interpolation (m)

- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- 2.01 - 2.50
- 2.51 - 3.00
- 3.01 - 3.50
- 3.51 - 4.00
- 4.01 - 4.50

1:20,000 Scale @ A3

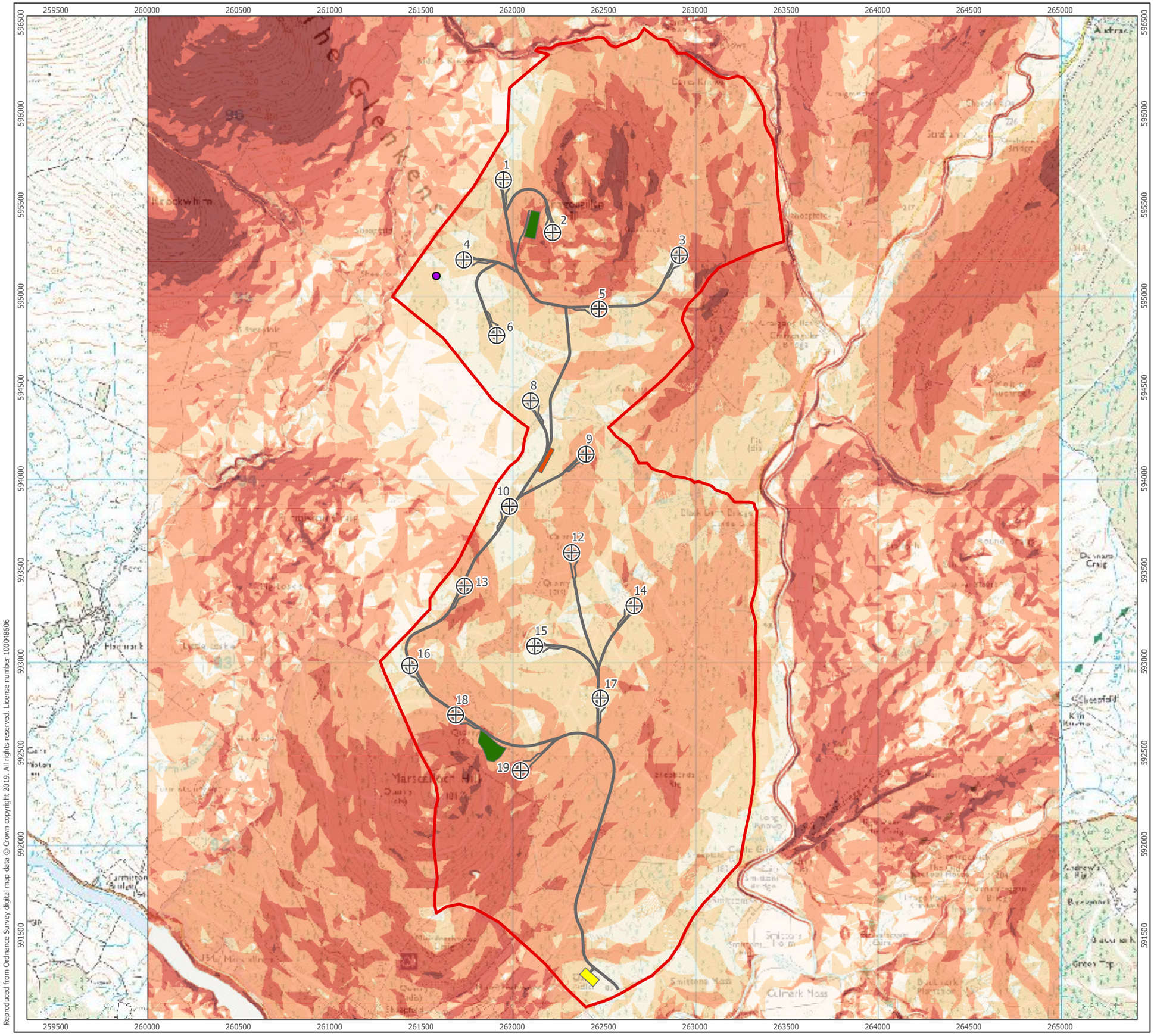
0 0.5 1 km

NORTH

Produced By: SC	Ref: 3342-REP-009
Checked By: DB	Date: 09/10/2019

Interpolated Peat Depths
Figure 12.2.5

Technical Appendix 12.2
Shepherds' Rig AEI
Peat Slide Risk Assessment



INFINERGY

ARCUS

- Proposed Turbine Location
- Site Boundary
- Meteorological Mast Location
- Tracks and Hardstanding
- Substation
- Construction Compound
- Borrow Bit Search Area

Slope Gradient (Deg)

- ≤ 2
- ≤ 4
- ≤ 8
- ≤ 15
- ≤ 50

1:20,000 Scale @ A3

0 0.5 1 km

NORTH

Produced By: SC	Ref: 3342-REP-010
Checked By: DB	Date: 09/10/2019

Slope Gradient
Figure 12.2.6

Technical Appendix 12.2
Shepherds' Rig AEI
Peat Slide Risk Assessment

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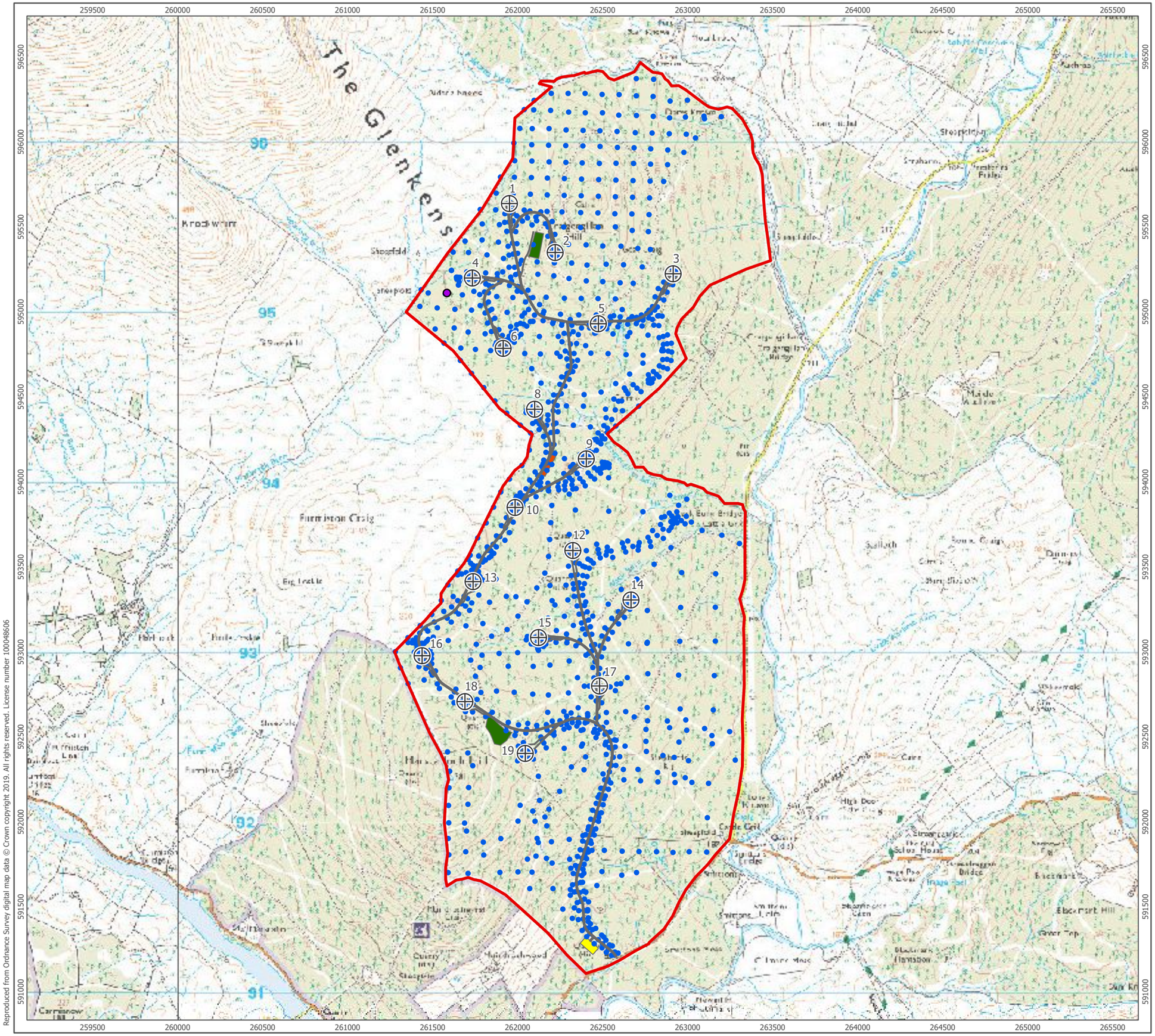
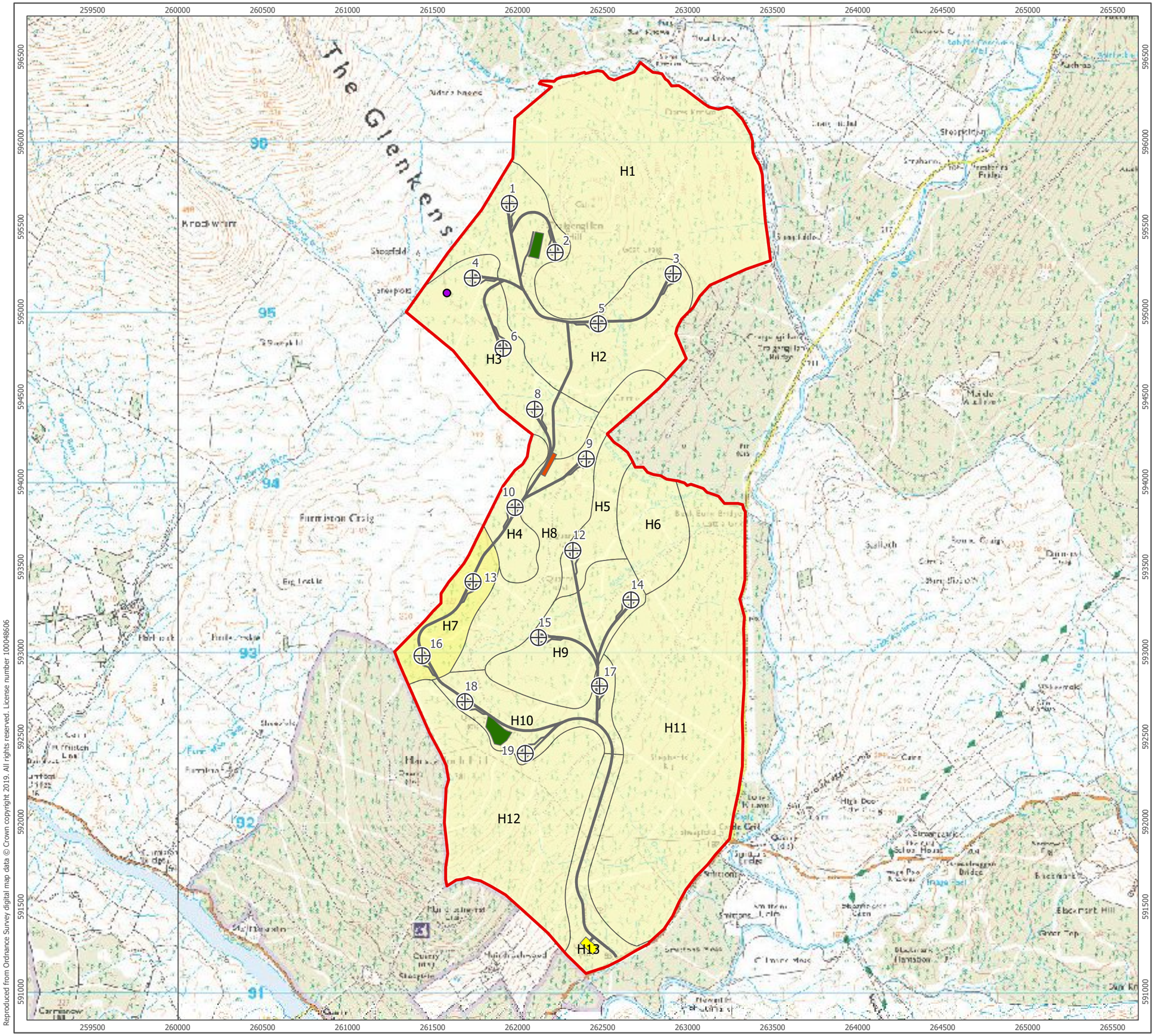
P:\Projects\Engineering\Projects\3342 Shepherds Rig SEI\3342 Shepherds Rig SEI.aprx\3342-REP-010 Fig12.2.6 Slope Gradients


The Glenkens
Kirkcudbright
Sheepfold
Sheepfold
Furniston Craig
Big Lochie
Hill
Castle Cairn
Carrinnow
Sorbie
Sorbie Bridge
Sorbie Craig
Dunrod
Shepherdstown
Shepherdstown
Stoneybridge
Stoneybridge Bridge
Maidenwell
Blackmark Hill
Over Top
Lower Kirkland
Kirkland
Kirkland Bridge
Kirkland Mill
Kirkland Cairn
Kirkland Hill
Kirkland Farm
Kirkland Farm
Kirkland Farm



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P:\Projects\Engineering\Projects\3342 Shepherds Rig SEI\3342 Shepherds Rig SEI.aprx\3342-REP-012 Fig12.2.8 Hazard Rank Zonation Plan

INFINERGY

ARCUS

- Proposed Turbine Location
- Site Boundary
- Meteorological Mast Location
- Tracks and Hardstanding
- Substation
- Construction Compound
- Borrow Bit Search Area

Hazard Rank Zones

- Negligible
- Low

1:21,500 Scale @ A3

0 0.5 1 km

NORTH

Produced By: SC	Ref: 3342-REP-012
Checked By: DB	Date: 09/10/2019

Hazard Rank Zonation Plan

Figure 12.2.8

Technical Appendix 12.2
Shepherds' Rig AEI
Peat Slide Risk Assessment

APPENDIX B – SITE PHOTOGRAPHS

Trackside drainage in northern site area, with soil exposure.

Trackside drainage in northern site area, with soil exposure.

Drainage channel within forestry ride with peat exposed

Watercourse in southern site area between forestry blocks

Watercourse in southern site area between forestry blocks

Watercourse in southern site area between forestry blocks

Trackside rock in north of site

Trackside rock in north of site

Existing forestry tracks and wide verges

Existing forestry tracks and wide verges

Trackside verge with rock at surface

Trackside verge with rock at surface

Exposed rock at localised quarrying/borrow location

Exposed rock at localised quarrying/borrow location

Exposed soil on forestry edge showing thin peat and sand and gravel underlying.

Exposed soil on forestry edge showing thin peat and sand and gravel/rock underlying.

Existing forestry tracks and wide verges.

Existing forestry track verge.

Exposed rock at localised quarrying/borrow location

Exposed rock at localised quarrying/borrow location

Boulders in historical localised borrow area

Crushed stone in historical localised borrow area

Exposed rock at localised quarrying/borrow location

Exposed rock at localised quarrying/borrow location

Exposed rock at localised quarrying/borrow location

Exposed rock at localised quarrying/borrow location

Existing shallow trackside drainage

Existing shallow trackside drainage

Exposed rock face in trackside verge

Dense semi-mature forestry

Forestry edge in northern site area

Localised borrowing in central site area

Localised borrowing in central site area

Newly formed forestry track in central site area

Dense forestry in central site area

Dense forestry in central site area

Dense forestry in central site area

Dense forestry in central site area

Existing quarry in the south-western site area

Large borrow area in the north of the site associated with forestry operations

Large borrow area in the north of the site associated with forestry operations

Large borrow area in the north of the site associated with forestry operations

Large borrow area in the north of the site associated with forestry operations

APPENDIX C - HAZARD RANK ASSESSMENT RECORDS

3342 - Shepherds Rig AEI - PSRA - Tabulated Peat Probe Data - October 2019

ID	X	Y	Z	SLOPE	Slope Co-efficient	PEAT DEPTH	Peat Level	Peat Co-efficient	Gen Substrate	Substrate Co-eff.	Risk Rating Coefficient	**Risk Rating Normalisation**	Receptor	Receptor Co-eff.	Z Receptor	Distance	Receptor Dist Co-eff.	Z Difference (remove =/-)	Receptor elevation Co-eff	Impact Rating	**Impact Rating Normalisation**	Hazard Ranking
1	263198	596148	258.881692	4.8	4	0.0	258.881692	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	258.86	4.5	4	0.021692	1	8	1	1
2	263096	596151	268.495007	4.0	4	0.0	268.495007	1	sand and gravel	1	4	1	Water Feature	6	268.1	38.5	3	0.395007	1	18	2	2
3	263099	596136	268.020996	4.0	4	0.4	267.620996	1	sand and gravel	1	4	1	Water Feature	6	268.1	23.5	3	-0.079004	1	18	2	2
4	262987	596146	278.781297	7.3	4	0.4	278.381297	1	rock	1.5	6	2	Water Feature	6	279.35	14.2	3	-0.568703	1	18	2	4
5	262999	596245	277.362003	7.0	4	2.6	274.762003	3	sand and gravel	1	12	2	Water Feature	6	279.35	113.7	3	-1.987997	1	18	2	4
6	262897	596240	291.434999	5.4	4	0.2	291.234999	1	rock	1.5	6	2	Water Feature	6	291.68	93.0	3	-0.245001	1	18	2	4
7	262894	596141	291.133999	5.3	4	0.5	290.633999	1	sand and gravel	1	4	1	Water Feature	6	290.8	3.8	4	0.333999	1	24	3	3
8	262798	596150	300.522997	6.0	4	0.1	300.422997	1	rock	1.5	6	2	Water Feature	6	298.74	22.7	3	1.782997	1	18	2	4
9	262699	596155	310.789006	6.3	4	0.1	310.689006	1	rock	1.5	6	2	Water Feature	6	310.54	42.5	3	0.249006	1	18	2	4
10	262595	596157	322.641502	9.7	6	0.1	322.541502	1	sand and gravel	1	6	2	Water Feature	6	313.17	85.6	3	9.471502	1	18	2	4
11	262499	596171	333.037903	7.4	4	0.3	332.737903	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	345.14	105.7	3	-12.102097	1	6	1	1
12	262398	596171	340.720305	5.5	4	0.3	340.420305	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	349.49	102.8	3	-8.769695	1	6	1	1
13	262300	596175	343.769997	3.7	2	0.2	343.569997	1	rock	1.5	3	1	Roads, Tracks, Paths	2	352.23	152.0	3	-8.460003	1	6	1	1
14	262194	596185	342.008887	2.9	2	0.6	341.408987	2	sand and gravel	1	4	1	Water Feature	6	341.3	86.8	3	0.708987	1	18	2	2
15	262095	596188	341.560989	1.1	1	0.9	340.660989	2	sand and gravel	1	2	1	Water Feature	6	341.43	7.5	4	0.130989	1	24	3	3
16	262039	596190	342.839996	2.0	1	0.9	341.939996	2	sand and gravel	1	2	1	Water Feature	6	343.11	57.3	3	-0.270004	1	18	2	2
18	262198	596285	336.609506	3.4	2	0.0	336.609506	1	sand and gravel	1	2	1	Water Feature	6	338.36	56.9	3	-1.750494	1	18	2	2
19	262297	596285	335.728011	5.1	4	0.2	335.528011	1	sand and gravel	1	4	1	Water Feature	6	338.36	155.0	3	-2.631989	1	18	2	2
20	262397	596285	330.879996	4.8	4	0.3	330.579996	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	349.49	214.7	3	-18.610004	1	6	1	1
21	262497	596279	325.306297	4.4	4	0.9	324.406297	2	rock	1.5	12	2	Water Feature	6	313.17	186.9	3	12.136297	2	36	4	8
22	262597	596278	317.209992	5.1	4	0.4	316.809992	1	rock	1.5	6	2	Water Feature	6	313.17	103.3	3	4.039992	1	18	2	4
23	262698	596271	309.483293	4.3	4	0.7	308.783293	2	sand and gravel	1	8	2	Water Feature	6	312.42	71.5	3	-2.936707	1	18	2	4
24	262797	596267	300.013992	6.0	4	0.3	299.713992	1	rock	1.5	6	2	Water Feature	6	302.19	77.0	3	-2.176008	1	18	2	4
25	262800	596368	299.022495	7.0	4	0.6	298.422495	2	rock	1.5	12	2	Water Feature	6	302.19	176.9	3	-3.167505	1	18	2	4
26	262698	596372	307.196002	3.9	2	0.6	306.596002	2	sand and gravel	1	4	1	Water Feature	6	312.42	170.7	3	-5.223998	1	18	2	2
27	262692	596054	317.493994	10.2	6	0.1	317.393994	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	330.09	95.4	3	-12.596006	1	6	1	2
28	262791	596052	304.72631	7.7	4	0.0	304.72631	1	sand and gravel	1	4	1	Water Feature	6	296.83	113.4	3	7.89631	1	18	2	2
29	262892	596048	292.395999	6.9	4	0.1	292.295999	1	sand and gravel	1	4	1	Water Feature	6	288.99	91.8	3	3.405999	1	18	2	2
30	262992	596045	280.105998	7.1	4	2.0	278.105998	3	rock	1.5	18	3	Roads, Tracks, Paths	2	276.33	51.6	3	3.775998	1	6	1	3
31	263046	596023	274.548996	4.9	4	0.0	274.548996	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	274.43	1.6	4	0.118996	1	8	1	1
32	262978	595938	282.841094	6.2	4	0.0	282.841094	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	281.83	9.5	4	1.011094	1	8	1	1
33	262883	595952	294.828995	10.2	6	0.0	294.828995	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	292.05	86.7	3	2.778995	1	6	1	2
34	262783	595959	307.5261	8.1	6	0.1	307.4261	1	rock	1.5	9	2	Roads, Tracks, Paths	2	322.08	83.3	3	-14.5539	1	6	1	2
35	262685	595965	323.470001	8.2	6	0.0	323.470001	1	rock	1.5	9	2	Roads, Tracks, Paths	2	325.78	17.7	3	-2.309999	1	6	1	2
36	262587	595967	341.863992	12.6	6	0.0	341.863992	1	rock	1.5	9	2	Roads, Tracks, Paths	2	335.55	29.0	3	6.313992	1	6	1	2
37	262585	596061	332.318495	10.0	6	0.0	332.318495	1	rock	1.5	9	2	Roads, Tracks, Paths	2	338.46	39.6	3	-6.141505	1	6	1	2
38	262484	596065	344.715004	8.9	6	0.0	344.715004	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	345.17	2.9	4	-0.454996	1	8	1	2
39	262385	596067	352.559502	10.2	6	0.2	352.359502	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	354.12	15.7	3	-1.560498	1	6	1	2
40	262285	596070	351.214996	4.3	4	0.2	351.014996	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	359.94	95.2	3	-8.725004	1	6	1	1
41	262185	596078	345.939996	3.7	2	0.6	345.339996	2	sand and gravel	1	4	1	Water Feature	6	342.33	125.3	3	3.609996	1	18	2	2
42	262086	596078	343.519301	1.1	1	2.2	341.519301	3	rock	1.5	4.5	1	Water Feature	6	343.75	47.7	3	-0.030699	1	18	2	3
43	262013	596079	344.844304	1.8	1	3.0	341.844304	3	sand and gravel	1	3	1	Water Feature	6	344.81	3.5	4	0.034304	1	24	3	3
44	261978	595993	344.416013	1.3	1	0.3	344.116013	1	sand and gravel	1	1	1	Water Feature	6	344.16	11.4	3	0.256013	1	18	2	2
45	262083	595983	344.270389	0.5	1	3.0	341.270389	3	sand and gravel	1	3	1	Water Feature	6	344.16	100.5	3	0.110389	1	18	2	2
46	262182	595980	347.574496	4.5	4	0.5	347.074496	1	rock	1.5	6	2	Roads, Tracks, Paths	2	366.29	140.2	3	-18.715504	1	6	1	2
47	262283	595978	357.067007	7.1	4	0.1	356.967007	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	364.87	49.0	3	-7.802993	1	6	1	1
48	262384	595976	367.170999	9.1	6	0.1	367.070999	1	rock	1.5	9	2	Roads, Tracks, Paths	2	363.01	30.4	3	4.160999	1	6	1	2
49	262485	595973	356.9205	13.1	6	0.2	356.7205	1	rock	1.5	9	2	Roads, Tracks, Paths	2	344.01	77.8	3	12.9105	2	12	2	4
50	262481	595873	373.413992	11.7	6	0.0	373.413992	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	366.81	166.1	3	6.603992	1	6	1	2
51	262380	595876	381.132994	1.5	1	0.2	380.932994	1	sand and gravel	1	1	1	Roads, Tracks, Paths	2	368.32	74.5	3	-12.812994	2	12	2	2
52	262284	595879	365.030199	14.5	6	0.2	364.830199	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	366.09	3.8	4	-1.059801	1	8	1	2
53	262185	595882	350.217996	6.5	4	0.2	350.017996	1	rock	1.5	6	2	Roads, Tracks, Paths	2	364.67	93.7	3	-14.452004	1	6	1	2
54	262084	595887	342.799008	2.8	2	1.0	341.799008	2	sand and gravel	1	4	1	Water Feature	6	341.01	101.9	3	1.789008	1	18	2	2
55	261983	595889	341.336006	2.1	2	2.5	338.836006	3	rock	1.5	9	2	Water Feature	6	341.37	5.7	4	-0.033994	1	24	3	6
57	261981	595792	339.094304	1.3	1	2.0	337.094304	3	sand and gravel	1	3	1	Water Feature	6	340.01	38.5	3	-0.915696	1	18	2	2
58	262081	595790	341.706009	3.2	2	1.0	340.706009	2	rock	1.5	6	2	Water Feature	6	340.44	116.7	3	1.266009	1	18	2	4
59	262175	595787	350.23501	7.7	4	0.3	349.93501	1	rock	1.5	6	2	Roads, Tracks, Paths	2	362.18	69.0	3	-11.94499	1	6	1	2
60	262275	595784	370.754503	14.5	6	0.1	370.654503	1	rock	1.5	9	2	Roads, Tracks, Paths	2	366.08	19.5	3	4.674503	1	6	1	2
61	262376	595781	388.341798	6.2	4	0.1	388.241798	1	rock	1.5	6	2	Roads, Tracks, Paths	2	366.96	113.5	3	21.381798	2	12	2	4
62	262477	595778	388.817896	8.3	6	0.1	388.717896	1	rock	1.5	9	2	Roads, Tracks, Paths	2	368.59	205.2	3	20.227896	2	12	2	4
63	262578	595775	363.631012	18.3	8	0.1	363.531012	1	rock	1.5	12	2	Roads, Tracks, Paths	2	322.71	177.2	3	40.921012	2	12	2	4
64	262579	595874	356.734995	22.4	8	0.1	356.634995	1	rock	1.5	12	2	Roads, Tracks, Paths	2	332.08	107.7	3	24.654995	2	12	2	4
65	262682	595873	330.010808	14.2	6	0.1	330.010808	1	rock	1.5	9	2	Roads, Tracks, Paths	2	323.02	38.3	3	7.090808	1	6	1	2
66	262679	595772	335.222992	9.7	6	0.1	335.122992	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	319.31	87.3	3	15.912992	2	12	2	4
67	262779	595769	316.438004	9.7	6	0.2	316.238004	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	316.7	3.8	4	-0.261996	1	8	1	2
68	262782	595869	313.8147	9.2	6	0.1	313.7147	1	rock	1.5	9	2	Roads, Tracks, Paths	2	319.63	36.4	3	-5.8153	1	6	1	2
69	262882	595866	296.538004	7.4	4	0.1	296.438004	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	295.19	20.6	3	-1.348004	1	6	1	2
70	262859	595767	303.229298	7.8	4	0.1	303.129298	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	302.77	3.5	4	0.459298	1	8	1	1
71	262776	595670	318.367004	19.0	8	0.1	318.267004	1	rock	1.5	12	2	Roads, Tracks, Paths	2	308.89	40.5	3	9.477004	1	6	1	2
72	262676	595674	339.128103	9.7	6	0.1	339.028103	1	rock	1.5	9	2	Roads, Tracks, Paths	2	310.48	133.1	3	28.648103	2	12	2	4
73	262575	595677	369.228996	19.2	8	0.1	369.128996	1	rock	1.5	12	2	Roads, Tracks, Paths	2	317.55	221.6	3	51.678996	2	12	2	4
74	262475	595680	395.565002	10.3	6	0.1	395.465002	1	rock	1.5	9	2	Roads, Tracks, Paths	2	363.62	238.8	3	31.945002	2	12	2	4
75	262374	595683	390.743694	6.3	4	0.1	390.643694	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	361.46	140.8	3	29.283694	2	12	2	4
76	262274	595685	375.189497	23.9	8	0.1	375.089497	1	rock	1.5	12	2	Roads, Tracks, Paths	2	360.18	45.0	3	15.009497	2	12	2	4
77	262174	595688	349.316307	9.0	6	0.1	349.216307	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	352.48	31.2	3	-3.163693	1	6	1	2
78	262075	595692	339.523497	5.5	4	0.8	338.723497	2	sand and gravel	1	8	2	Wind Farm Infrastructure	3	335.42	104.5	3	4.103497	1	9	1	2
79	261974	595695	334.545503	3.9	2	1.1	333.445503	2	rock	1.5	6	2	Wind Farm Infrastructure	3	331.9	47.5	3	2.645503	1	9	1	2
80	261874	595698	332.33299	2.8	2	0.8	331.53299	2	rock	1.5	6	2	Water Feature	6	332.79	9.6	4	-0.45701	1	24	3	6
82	261871	595600	326.945006	3.5	2	1.2	325.745006	2	rock	1.5	6	2	Water Feature	6	327.06	4.3	4	-0.114994	1	24	3	6
83	261971	595595	329.641498	3.7	2	0.1	329.541498	1	unproven	FALSE	0	1	Wind Farm Infrastructure	3	330.31	11.8	3	-0.668502	1	9	1	1
84	262072	595593	335.188094	5.1	4	0.5	334.688094	1	unproven	FALSE	0	1	Wind Farm Infrastructure	3	335.02	5.5	4	0.168094	1	12	2	2
85	262173	595591	346.448693	6.9	4	0.0	346.448693	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	346.43	1.6	4	0.018693	1	8	1	1
86	262261	595588	364.562305	26.1	8	0.1	364.462305	1	rock	1.5	12	2	Roads, Tracks, Paths	2	350.97	72.3	3	13.592305	2	12	2	4
87	262371	595584	386.196903	5.3	4	1.5	384.696903	2	unproven	FALSE	0	1	Roads, Tracks, Paths	2	354.63	174.7	3	31.566903	2	12	2	4
88	262472	595582	394.440002	16.9	8	0.0	394.440002	1	unproven	FALSE	0	1	Water Feature	6	359.38	155.3	3	35.060002	2	36	4	4
89	262572	595577	368.4126	23.1	8	0.1	368.3126	1	unproven	FALSE	0	1	Water Feature	6	359.38	171.7	3	9.0326	1	18	2	2
90	262672	595576	339.538713	14.0	6	0.1	339.438713	1	unproven	FALSE	0	1	Roads, Tracks, Paths	2	310.65	125.7	3	28.888713	2	12	2	2
91	262773	595572	317.797708	19.4	8	0.1	317.697708	1	unproven	FALSE	0	1	Roads, Tracks, Paths	2	310.65	26.7	3	7.147708	1	6	1	1
92	262769	595472	315.468994	6.0	4	0.1	315.368994	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	312.55	34.8	3	2.918994	1	6	1	1
93	262674	595479	336.692096	16.4	8	0.0	336.692096	1	unproven	FALSE	0	1	Roads, Tracks, Paths	2	312.55	129.6	3	24.142096	2	12	2	2
94	262575	595500	364.117508	17.5	8	0.1	364.017508	1	unproven	FALSE	0	1	Water Feature	6	359.38	113.6	3	4.737508	2	18	2	2
95	262474	595498	377.550196	15.5	8	0.1	377.450196	1	sand and gravel	1	8	2	Water Feature	6	359.38	71.8	3	18.170196	2	36	4	8
96	262370	595496	375.096498	17.1	8	0.1	374.996498	1	sand and gravel	1	8	2	Water Feature	6	359.38	136.0	3	15.716498	2	36	4	8
97	262271	595499	358.291998	6.3	4	0.1	358.191998	1	unproven	FALSE	0	1	Wind Farm Infrastructure	3	352.07	73.4	3	6.221998	1	9	1	1
98	262179	595499	349.469598	6.6	4	0.2	349.269598	1	unproven	FALSE	0	1	Wind Farm Infrastructure	3	350.27	8.6	4	-0.800402	1	12	2	2
99	262085	595511	336.265999	7.8	4	0.3	335.965999	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	339.88	29.1	3	-3.614001	1	6	1	1
100	261992	595509	327.54299	4.4	4	0.4	327.14299	1	rock	1.5	6	2	Wind Farm Infrastructure	3	327.65	3.5	4	-0.10701	1	12	2	4
101	261893	595513	322.793991	4.4	4	1.6	321.193991	3	sand and gravel	1	12	2	Wind Farm Infrastructure	3	326.12	56.4	3	-3.326009	1	9	1	2
102	261792	595517	321.374002	3.6	2	2.2	319.174002	3	rock	1.5	9	2	Water Feature	6	321.17	11.4	3	0.204002	1	18	2	2
103	261791	595423	314.618011	3.5	2	0.5	314.118011	1	rock	1.5	3	1	Water Feature	6	314.85	12.7	3	-0.231989	1	18	2	2
104	261691	595416	313.158994	4.1	4	0.2	312.958994	1	sand and gravel	1	4	1	Water Feature	6	311.69	72.3	3	1.468994	1	18	2	2
105	261887	595410	317.546503	3.2	2	0.2	317.346503	1	sand and gravel	1	2	1	Wind Farm Infrastructure	3	322.7	78.8	3	-5.153497	1	9	1	1
106	261996	595401	323.842902	4.7	4	0.2	323.642902	1	rock	1.5	6	2	Wind Farm Infrastructure	3	322.58	18.6	3	1.262902	1	9	1	2
107	262092	595395	336.345993	9.9	6	0.0	336.345993	1	rock	1.5	9	2	Wind Farm Infrastructure	3	336.31	2.5	4	0.035993	1	12	2	4
108	262202	595403	351.090005	2.8	2	0.1	350.990005	1	rock	1.5	3	1	Wind Farm Infrastructure	3	351.18	10.5	3	-0.089995	1	9	1	1
109	262299	595397	353.113997	4.7	4	0.4	352.713997	1	rock	1.5	6	2	Wind Farm Infrastructure	3	350	66.2	3	3.113997	1	9	1	2
110	262403	595394	356.285307	7.5	4	0.2	356.085307	1	sand and gravel	1	4	1	Water Feature	6	352.48	69.8	3	3.805307	1	18	2	2
111	262501	595387	353.998194	10.2	6	0.0	353.998194	1	sand and gravel	1	6	2	Water Feature	6	353.72	25.7	3	0.278194	1	18	2	4
112	262608	595386	350.870993	14.4	6	0.0	350.870993	1	sand and gravel	1	6	2	Water Feature	6	349.99	120.3	3	0.880993	1	18	2	4
113	262707	595373	325.697006	6.1	4	0.1	325.597006	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	319.06	65.7	3	6.637006	1	6	1	1
114	262781	595367	317.482697	7.6	4	0.1	317.382697	1	rock	1.5	6	2	Roads, Tracks, Paths	2	317.27	1.6	4	0.212697	1	8	1	2
115	262733	595264	320.4488	5.7	4	0.1	320.3488	1	not proven	2	8	2	Roads, Tracks, Paths	2	320.43	1.6	4	0.0188	1	8	1	2
116	262623	595277	336.55809	19.1	8	0.1	336.45809	1	rock	1.5	12	2	Roads, Tracks, Paths	2	319.74	108.6	3	16.81809	2	12	2	4
117	262521	595280	343.459006	10.0	6	0.1	343.359006	1	sand and gravel	1	6	2	Water Feature	6	342.96	23.6	3	0.499006	1	18	2	4
118	262408	595275	339.1815	6.4	4	0.1	339.0815	1	sand and gravel	1	4	1	Water Feature	6	338.54	65.5	3	0.6415	1	18	2	2
119	262318	595287	345.08851	9.7	6	0.1	344.98851	1	sand and gravel	1	6	2	Wind Farm Infrastructure	3	349.42	96.7	3	-4.33149	1	9	1	2
120	262216	595288	345.212208	8.2	6	0.1	345.112208	1	not proven	2	12	2	Wind Farm Infrastructure	3	349.51	49.5	3	-4.297792	1	9	1	2
121	262115	595294	334.693996	14.3	6	0.1	334.593996	1	rock	1.5	9	2	Wind Farm Infrastructure	3	337.49	23.6	3	-2.796004	1	9	1	2
122	262023	595303	323.944904	6.5	4	0.1	323.844904	1	rock	1.5	6	2	Roads, Tracks, Paths	2	325.49	14.5	3	-1.545096	1	6	1	2
123	261917	595314	313.83039	5.3	4	0.1	313.73039	1	rock	1.5	6	2	Water Feature	6	311.14	41.7	3	2.69039	1	18	2	4
124	261820	595335	311.044998	2.9	2	0.3	310.744998	1	sand and gravel	1	2	1	Water Feature	6	309.45	72.5	3	1.594998	1	18	2	2
125	261711	595349	309.468005	1.3	1	0.4	309.068005	1	rock	1.5	1.5	1	Water Feature	6	309.68	36.5	3	-0.211995	1	18	2	2
126	261621	595351	308.395001	4.9	4	0.3	308.095001	1	rock	1.5	6	2	Water Feature	6	303.98	84.3	3	4.415001	1	18	2	4
127	261611	595244	302.224997	2.8	2	0.2	302.024997	1	sand and gravel	1	2	1	Water Feature	6	302.27	13.9	3	-0.045003	1	18	2	2
128	261611	595244	302.224997	2.8	2	0.0	302.224997	1	not proven	1	2	1	Water Feature	6	302.27	13.9	3	-0.045003	1	18	2	2
129	261701	595235	305.734003	3.0	2	1.7	304.034003	3	not proven	2	12	2	Wind Farm Infrastructure	3	306.02	31.8	3	-0.285997	1	9	1	2
130	261812	595229	306.971011	2.1	2	0.2	306.771011	1	not proven	2	4	1	Wind Farm Infrastructure	3	306.15	22.0	3	0.821011	1	9	1	1
131	261912	595235	309.208997	3.4	2	1.0	308.208997	2	rock	1.5	6	2	Water Feature	6	310.23	31.1	3	-1.021003	1	18	2	4
132	262007	595227	316.402991	9.5	6	0.0	316.402991	1	rock	1.5	9	2	Wind Farm Infrastructure	3	316.03	4.5	4	0.372991	1	12	2	4
133	262119	595221	325.285999	8.1	6	0.2	325.085999	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	320.54	88.1	3

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321	262615	591827	210.932507	4.5	4	0.0	210.932507	1	rock	1.5	6	2	Water Feature	6	207.13	79.9	3	3.802507	1	18	2	4		
322	262714	591825	206.614001	3.9	2	0.1	206.514001	1	rock	1.5	3	1	Water Feature	6	206.45	43.2	3	0.164001	1	18	2	2		
323	262817	591824	201.549003	3.6	2	0.0	201.549003	1	rock	1.5	3	1	Water Feature	6	201.71	32.6	3	-0.160997	1	18	2	2		
324	262914	591820	197.750999	2.1	2	0.9	196.850999	2	clay	2	8	2	Water Feature	6	200.37	111.3	3	-2.619001	1	18	2	4		
325	263009	591824	193.297	3.9	2	0.1	193.197	1	rock	1.5	3	1	Roads, Tracks, Paths	2	189.18	123.8	3	4.117	1	6	1	1		
326	263112	591822	190.121001	1.3	1	0.0	190.121001	1	rock	1.5	1.5	1	Roads, Tracks, Paths	2	189.1	44.9	3	1.021001	1	6	1	1		
327	263116	592024	194.469103	1.7	1	0.2	194.269103	1	rock	1.5	1.5	1	Roads, Tracks, Paths	2	188.3	175.7	3	6.169103	1	6	1	1		
328	263123	592226	198.378301	3.2	2	0.1	198.278301	1	rock	1.5	3	1	Roads, Tracks, Paths	2	190.49	184.0	3	7.888301	1	6	1	1		
329	263025	592232	200.861997	4.5	4	1.1	199.761997	2	sand and gravel	1	8	2	Roads, Tracks, Paths	2	190.49	280.0	3	10.371997	2	12	2	4		
330	262926	592231	210.260098	6.2	4	0.7	209.560098	2	rock	1.5	12	2	Water Feature	6	223.54	322.4	3	-13.279902	1	18	2	4		
331	262825	592235	226.465	6.6	4	0.1	226.365	1	not proven	2	8	2	Water Feature	6	231.73	231.4	3	-5.265	1	18	2	4		
332	262723	592241	235.6387	6.6	4	0.0	235.6387	1	rock	1.5	6	2	Water Feature	6	237.23	145.1	3	-1.5913	1	18	2	4		
333	262625	592247	241.938998	6.5	4	0.2	241.738998	1	not proven	2	8	2	Water Feature	6	241.37	67.1	3	0.568998	1	18	2	4		
334	262632	592445	256.391997	7.7	4	0.0	256.391997	1	not proven	2	8	2	Roads, Tracks, Paths	2	260.45	64.5	3	-4.058003	1	6	1	2		
335	262636	592648	266.527203	4.7	4	0.3	266.227203	1	not proven	2	8	2	Roads, Tracks, Paths	2	262.02	50.8	3	4.507203	1	6	1	2		
336	262645	592848	266.462494	8.4	6	0.1	266.362494	1	not proven	2	12	2	Roads, Tracks, Paths	2	254.67	139.7	3	11.792494	2	12	2	4		
337	262652	593047	261.583289	2.9	2	0.2	261.383289	1	rock	1.5	3	1	Wind Farm Infrastructure	3	266.17	134.5	3	-4.586711	1	9	1	1		
338	262660	593250	257.525002	3.5	2	1.7	255.825002	3	sand and gravel	1	6	2	Wind Farm Infrastructure	3	258.1	10.6	3	-0.574998	1	9	1	2		
339	262763	593243	250.652897	4.4	4	0.0	250.652897	1	not proven	2	8	2	Wind Farm Infrastructure	3	256.2	93.1	3	-5.547103	1	9	1	2		
340	262761	593050	255.72	3.9	2	0.0	255.72	1	rock	1.5	3	1	Roads, Tracks, Paths	2	245.74	132.2	3	9.98	1	6	1	1		
341	262763	593056	255.542099	3.8	2	0.2	255.342099	1	not proven	2	4	1	Roads, Tracks, Paths	2	245.12	133.1	3	10.422099	2	12	2	2		
342	262766	592871	255.905	7.0	4	0.3	255.605	1	not proven	2	8	2	Roads, Tracks, Paths	2	250.39	43.4	3	5.515	1	6	1	2		
343	262762	592672	252.132202	10.9	6	0.2	251.932202	1	not proven	2	12	2	Roads, Tracks, Paths	2	257.94	37.8	3	-5.807798	1	6	1	2		
344	262755	592473	244.902004	9.5	6	0.1	244.802004	1	clay	2	12	2	Roads, Tracks, Paths	2	261.5	146.4	3	-16.597996	1	6	1	2		
345	262949	592469	220.995905	6.5	4	0.1	220.895905	1	rock	1.5	6	2	Roads, Tracks, Paths	2	260.69	300.0	3	-39.694095	1	6	1	2		
346	262956	592664	229.829805	6.3	4	0.2	229.629805	1	rock	1.5	6	2	Roads, Tracks, Paths	2	254.13	212.7	3	-24.300195	1	6	1	2		
347	262947	592863	235.607903	5.2	4	0.1	235.507903	1	rock	1.5	6	2	Roads, Tracks, Paths	2	247.21	113.4	3	-11.602097	1	6	1	2		
348	262954	593062	236.038698	6.5	4	0.2	235.838698	1	rock	1.5	6	2	Roads, Tracks, Paths	2	238.33	26.5	3	-6.291302	1	6	1	2		
349	262959	593261	233.32	4.3	4	0.3	233.02	1	rock	1.5	6	2	Roads, Tracks, Paths	2	229.22	53.9	3	4.1	1	6	1	2		
350	262965	593466	233.410004	4.6	4	0.7	232.710004	2	rock	1.5	12	2	Roads, Tracks, Paths	2	221.77	144.7	3	11.640004	2	12	2	4		
351	263165	593459	215.370001	5.0	4	0.3	215.070001	1	rock	1.5	6	2	Roads, Tracks, Paths	2	217.95	28.8	3	-2.579999	1	6	1	2		
352	263163	593262	213.011998	6.7	4	0.1	212.911998	1	not proven	2	8	2	Water Feature	6	211.54	27.2	3	1.471998	1	18	2	4		
353	263163	593063	217.487997	7.2	4	0.7	216.787997	2	rock	1.5	12	2	Roads, Tracks, Paths	2	197.77	207.4	3	19.717997	2	12	2	4		
354	263157	592860	215.436996	5.0	4	0.2	215.236996	1	not proven	2	8	2	Roads, Tracks, Paths	2	197.99	175.7	3	17.446996	2	12	2	4		
355	263151	592658	209.560694	4.7	4	0.0	209.560694	1	clay	2	8	2	Roads, Tracks, Paths	2	198.28	171.8	3	11.280694	2	12	2	4		
356	263145	592459	204.876003	3.4	2	0.5	204.376003	1	not proven	2	4	1	Roads, Tracks, Paths	2	198.17	248.2	3	6.706003	1	6	1	1		
357	263280	592363	195.738996	3.3	2	0.0	195.738996	1	rock	1.5	3	1	Roads, Tracks, Paths	2	190.49	196.3	3	5.248996	1	6	1	1		
359	263325	592678	198.401994	1	1	0.6	197.801994	2	not proven	2	4	1	Roads, Tracks, Paths	2	198.28	30.6	3	0.121994	1	6	1	1		
360	263332	592886	199.079999	1	1	0.2	198.879999	1	not proven	2	2	1	Roads, Tracks, Paths	2	197.99	33.5	3	1.089999	1	6	1	1		
361	263332	593085	199.120003	1	1	0.0	199.120003	1	not proven	2	2	1	Roads, Tracks, Paths	2	197.77	97.5	3	1.350003	1	6	1	1		
362	263312	593303	199.181993	1	1	0.2	198.981993	1	not proven	2	2	1	Roads, Tracks, Paths	2	198.92	15.5	3	0.261993	1	6	1	1		
363	263337	593518	203.123001	1	1	0.1	203.023001	1	not proven	2	2	1	Roads, Tracks, Paths	2	205.14	94.6	3	-2.016999	1	6	1	1		
364	262737	593824	241.123004	3.2	2	0.2	240.923004	1	rock	1.5	3	1	Water Feature	6	240.87	5.7	4	0.253004	1	24	3	3		
365	262536	593827	253.689996	3.3	2	0.2	253.489996	1	not proven	2	4	1	Water Feature	6	244.14	167.5	3	9.549996	1	18	2	2		
366	262535	594024	255.731999	3.9	2	0.2	255.531999	1	rock	1.5	3	1	Wind Farm Infrastructure	3	267.95	146.3	3	-12.218001	1	9	1	1		
367	262340	593834	267.041997	4.8	4	0.1	266.941997	1	not proven	2	8	2	Roads, Tracks, Paths	2	278.16	140.3	3	-11.118003	1	6	1	2		
368	262465	593633	258.552495	4.4	4	0.2	258.352495	1	rock	1.5	6	2	Wind Farm Infrastructure	3	268.53	119.6	3	-9.977505	1	9	1	2		
369	261708.4	591696.4	282.085656	7.7	4	0.0	282.085656	1	rock	1.5	6	2	Roads, Tracks, Paths	2	285.25	107.3	3	-3.164344	1	6	1	2		
370	261591.3	591701.2	291.68384	5.7	4	0.0	291.68384	1	rock	1.5	6	2	Roads, Tracks, Paths	2	285.84	196.2	3	5.84384	1	6	1	2		
371	261595.3	591805.8	305.022447	10.3	6	0.0	305.022447	1	rock	1.5	9	2	Roads, Tracks, Paths	2	286.26	172.7	3	18.762447	2	12	2	4		
372	261591.8	591901.6	317.455241	7.5	4	0.0	317.455241	1	rock	1.5	6	2	Roads, Tracks, Paths	2	286.26	206.8	3	31.195241	2	12	2	4		
373	261594.9	591994	332.903341	9.9	6	0.2	332.703341	1	rock	1.5	9	2	Roads, Tracks, Paths	2	286.55	264.9	3	46.353341	2	12	2	4		
374	261593.7	592096.1	353.876791	10.7	6	0.1	353.776791	1	rock	1.5	9	2	Roads, Tracks, Paths	2	286.55	348.0	3	67.326791	2	12	2	4		
375	261596.3	592199.9	368.934978	11.1	6	0.3	368.634978	1	rock	1.5	9	2	Wind Farm Infrastructure	3	322.96	373.9	3	45.974978	2	18	2	4		
376	261600.3	592297.4	380.258247	7.1	4	0.2	380.058247	1	rock	1.5	9	2	Wind Farm Infrastructure	3	322.96	309.9	3	57.298247	2	18	2	4		
377	261587.8	592411	370.931896	8.8	6	0.5	370.431896	1	rock	1.5	9	2	Wind Farm Infrastructure	3	324.89	269.8	3	46.041896	2	18	2	4		
378	261707.1	592404.7	361.952956	12.7	6	0.2	361.752956	1	rock	1.5	9	2	Wind Farm Infrastructure	3	322.96	165.8	3	38.992956	2	18	2	4		
379	261736	592329.8	354.753003	12.1	6	0.1	354.653003	1	rock	1.5	9	2	Wind Farm Infrastructure	3	322.53	183.3	3	32.223003	2	18	2	4		
380	261712.2	592201.4	354.874911	15.4	8	0.1	354.774911	1	rock	1.5	12	2	Wind Farm Infrastructure	3	322.53	299.5	3	32.344911	2	18	2	4		
381	261707.8	592102.9	342.454339	11.3	6	0.4	342.054339	1	rock	1.5	9	2	Roads, Tracks, Paths	2	284.65	276.1	3	57.804339	2	12	2	4		
382	261688	591992.4	329.047271	10.7	6	0.1	328.947271	1	rock	1.5	9	2	Roads, Tracks, Paths	2	286.7	208.5	3	42.347271	2	12	2	4		
383	261699.6	591945.5	319.509722	12.9	6	0.0	319.509722	1	rock	1.5	9	2	Roads, Tracks, Paths	2	286.55	164.9	3	32.959722	2	12	2	4		
384	262310.3	591601.3	211.392089	5.2	4	0.0	211.392089	1	rock	1.5	6	2	Roads, Tracks, Paths	2	211.86	24.5	3	-0.467911	1	6	1	2		
385	262207.7	591607.2	219.667505	7.1	4	0.0	219.667505	1	rock	1.5	6	2	Roads, Tracks, Paths	2	212.49	111.7	3	7.177505	1	6	1	2		
386	262071.2	591607	233.872711	7.3	4	0.0	233.872711	1	sand and gravel	1	4	1	Water Feature	6	234.62	197.2	3	-0.747289	1	18	2	2		
387	262084.7	591703.8	240.453807	7.7	4	0.0	240.453807	1	rock	1.5	6	2	Water Feature	6	234.62	122.7	3	5.833807	1	18	2	4		
388	262107.9	591798.1	244.267415	5.1	4	0.2	244.067415	1	rock	1.5	6	2	Water Feature	6	244.46	45.3	3	-0.192585	1	18	2	4		
389	262121.7	591878	247.90167	5.3	4	0.7	247.20167	2	rock	1.5	12	2	Water Feature	6	247.54	5.8	4	0.36167	1	24	3	6		
390	262114.4	591902.1	250.456541	6.6	4	0.1	250.356541	1	rock	1.5	6	2	Water Feature	6	250.06	8.1	4	0.396541	1	24	3	6		
391	262102.4	592002.9	261.556908	8.1	6	0.1	261.456908	1	rock	1.5	9	2	Water Feature	6	261.22	5.1	4	0.336908	1	24	3	6		
392	262002.2	592004.3	278.19463	12.4	6	0.1	278.09463	1	rock	1.5	9	2	Roads, Tracks, Paths	2	282.36	19.8	3	-4.16537	1	6	1	2		
393	261901.3	591901.1	284.903687	10.9	6	0.0	284.903687	1	rock	1.5	9	2	Roads, Tracks, Paths	2	284.87	1.9	4	0.033687	1	8	1	2		
394	261798.3	591880.3	296.430999	9.4	6	0.0	296.430999	1	rock	1.5	9	2	Roads, Tracks, Paths	2	286.7	51.8	3	9.730999	1	6	1	2		
395	261695	591823.9	297.664017	9.1	6	0.2	297.464017	1	rock	1.5	9	2	Roads, Tracks, Paths	2	286.26	79.0	3	11.404017	2	12	2	4		
396	261800.6	591804.6	284.957051	6.7	4	0.0	284.957051	1	rock	1.5	6	2	Roads, Tracks, Paths	2	285.05	3.4	4	-0.092949	1	8	1	2		
397	261895.8	591702.4	262.766825	9.0	6	0.0	262.766825	1	rock	1.5	9	2	Roads, Tracks, Paths	2	284.91	138.8	3	-22.143175	1	6	1	2		
398	262002	591705.2	249.074362	7.1	4	0.0	249.074362	1	rock	1.5	6	2	Water Feature	6	242.55	184.9	3	6.524362	1	18	2	4		
399	262057.6	591780.2	247.161539	5.0	4	0.2	246.961539	1	rock	1.5	6	2	Water Feature	6	244.46	95.5	3	2.701539	1	18	2	4		
400	262169.5	591784.8	239.072754	8.0	6	0.1	238.972754	1	rock	1.5	9	2	Water Feature	6	239.76	8.2	4	-0.687246	1	24	3	6		
401	262202.9	591757.1	233.140796	8.2	6	0.1	233.040796	1	rock	1.5	9	2	Water Feature	6	233.22	0.6	4	-0.079204	1	24	3	6		
402	262306.1	591779.5	226.730191	5.2	4	0.1	226.630191	1	rock	1.5	6	2	Water Feature	6	226.13	7.1	4	0.600191	1	24	3	6		
403	262395	591804.6	224.611023	5.8	4	0.0	224.611023	1	rock	1.5	6	2	Roads, Tracks, Paths	2	224.62	3.3	4	-0.008977	1	8	1	2		
404	262313.1	591726.6	221.893467	7.7	4	0.4	221.493467	1	rock	1.5	6	2	Roads, Tracks, Paths	2	217.13	38.0	3	4.763467	1	6	1	2		
405	262389.8	591697.3	215.122984	5.6	4	0.1	215.022984	1	rock	1.5	6	2	Roads, Tracks, Paths	2	218.47	30.1	3	-3.347016	1	6	1	2		
406	262496	591707.1	209.493589	5.5	4	0.3	209.193589	1	rock	1.5	6	2	Water Feature	6	210.93	43.6	3	-1.436411	1	18	2	4		
407	262612.5	591685.8	204.189534	3.4	2	0.7	203.489534	2	rock	1.5	6	2	Water Feature	6	207.36	56.9	3	-3.170466	1	18	2	4		
408	262699.5	591701.5	201.666831	4.3	4	0.7	200.966831	2	rock	1.5	12	2	Water Feature	6	205.25	53.8	3	-3.583169	1	18	2	4		
409	262266	591486.3	207.092649	3.6	2	0.1	206.992649	1	rock	1.5	3	1	Roads, Tracks, Paths	2	201.04	114.6	3	6.052649	1	6	1	1		
410	262321.8	591432	201.13543	4.4	4	0.1	201.03543	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	197.71	60.7	3	3.42543	1	6	1	1		
411	262333.2	591493.4	201.491061	3.3	2	0.2	203.291061	1	rock	1.5	3	1	Roads, Tracks, Paths	2	201.04	48.2	3	2.451061	1	6	1	1		
412	262303.5	591896.6	237.281229	7.1	4	0.7	237.181229	1	rock	1.5	6	2	Wind Farm Infrastructure	3	228.17	101.8	3	9.111229	1	9	1	2		
413	262198.8	591882.5	243.660575	5.9	4	0.2	243.460575	1	rock	1.5	6	2	Water Feature	6	247.9	71.3	3	-4.239425	1	18	2	4		
414	262171.6	591976.2	254.09285	7.0	4	0.1	253.99285	1	rock	1.5	6	2	Water Feature	6	255.32	57.2	3	-1.22715	1	18	2	4		
415	262160.6	592028.2	260.797552	7.5	4	0.1	260.697552	1	rock	1.5	6	2	Roads, Tracks, Paths	2	264.2	26.4	3	-3.402448	1	6	1	2		
416	262390.5	592306.1	260.290127	5.8	4	0.1	260.190127	1	clay	2	8	2	Roads, Tracks, Paths	2	268.71	63.2	3	-8.419873	1	6	1	2		
417	262502.3	592281.6	251.099447	5.1	4	0.1	250.999447	1	rock	1.5	6	2	Water Feature	6	251.13	6.3	4	-0.030553	1	24	3	6		
418	262621.9	592307.8	246.799443	5.5	4	0.2	246.599443	1	rock	1.5	6	2	Wind Farm Infrastructure	3	251.99	75.0	3	-5.190557	1	9	1	2		
419	262708	592308.2	241.148323	5.9	4	0.4	240.748323	1	clay	2	8	2	Wind Farm Infrastructure	3	253.13	158.2	3	-11.981677	1	9	1	2		
420	262823.5	592290.8	229.785669	8.9	6	0.2	229.585669	1	rock	1.5	9	2	Water Feature	6	237.23	257.3	3	-7.444331	1	18	2	4		
421	262921.6	592278.6	213.118891	8.4	6	0.1	213.018891	1	rock	1.5	9	2	Water Feature	6	231.73	337.4	3	-18.611109	1	18	2	4		
422	262985.8	592259.2	205.751624	5.9	4	0.0	205.751624	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	190.49	324.9	3	15.261624	2	12	2	2		
423	263005	592359.4	210.856927	5.6	4	0.1	210.756927	1	rock	1.5	6	2	Roads, Tracks, Paths	2	190.49	349.9	3	20.366927	2	12	2	4		
424	262921.1	592378.8	218.983316	6.5	4	0.1	218.883316	1	rock	1.5	6	2	Roads, Tracks, Paths	2	261.33	331.7	3	-42.346684	1	6	1	2		
425	262854.7	592389.9	228.112039	10.0	6	0.3	227.812039	1	rock	1.5	9	2	Roads, Tracks, Paths	2	261.44	275.7	3	-33.327961	1	6	1	2		
426	262757.5	592413.8	243.157903	9.5	6	0.1	243.057903	1	rock	1.5	9	2	Roads, Tracks, Paths	2	259.04	190.5	3	-15.882097	1	6	1	2		
427	262600.5	592383.2	252.527224	6.0	4	0.1	252.427224	1	rock	1.5	6	2	Roads, Tracks, Paths	2	256.81	40.6	3	-4.282776	1	6	1	2		
428	262755.1	592543.4	247.144977	8.6	6	0.1	247.044977	1	rock	1.5	9	2	Roads, Tracks, Paths	2	261.22	100.2	3	-14.075023	1	6	1	2		
429	262894	592553.4	231.842459	6.4	4	0.1	231.742459	1	rock	1.5	6	2	Roads, Tracks, Paths	2	260.4	208.9	3	-28.557541	1	6	1	2		
430	262994.8	592538.7	220.1539	6.0	4	0.0	220.1539	1	rock	1.5	6	2	Roads, Tracks, Paths	2	258.74	305.7	3	-38.5861	1	6	1	2		
431	263142.9	592507.2	205.774186	3.6	2	0.8	204.974186	2	rock	1.5	6	2	Roads, Tracks, Paths	2	198.17	219.0	3	7.604186	1	6	1	2		
432	263247	592530.7	200.296431	3.2	2	0.0	200.296431	1	rock	1.5	3	1	Roads, Tracks, Paths	2	198.17	126.7	3	2.126431	1	6	1	1		
433	263099.8	592548.6	211.054377	5.4	4	0.0	211.054377	1	rock	1.5	6	2	Roads, Tracks, Paths	2	198.17	238.0	3	12.884377	2	12	2	4		
434	262989.2	592599.2	224.460089	6.0	4	0.1	224.360089	1	rock	1.5	6	2	Roads, Tracks, Paths	2	254.61	271.6	3	-30.149911	1	6	1	2		
435	262880.9	592593.1	235.089332	6.2	4	0.2	234.889332	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	258.74	179.5	3	-23.650668	1	6	1	1		
436	262764.3	592593.9	248.443393	8.8	6	0.1	248.343393	1	rock	1.5	9	2	Roads, Tracks, Paths	2	260.69	77.2	3	-12.246607	1	6	1	2		
437	262686	592616.8	261.09285	6.6	4	0.1	260.99285	1	rock	1.5	6	2	Roads, Tracks, Paths	2	261.49	3.6	4	-0.39715	1	8	1	2		
438	262522.7	592584.7	270.719391	5.7	4	0.1	270.619391	1	rock	1.5	6	2	Wind Farm Infrastructure	3	271.64	38.0	3	-0.920609	1	9	1	2		
439	262522.1	592642.9	273.945059	6.3	4	0.2	273.745059	1	rock	1.5	6	2	Wind Farm Infrastructure	3	278.74	46.6	3	-4.794941	1	9	1	2		
440	262575.1	592771.5	274.863588	5.3	4	0.8	274.063588	2	rock	1.5	12	2	Wind Farm Infrastructure	3	279.87	67.6	3	-5.006412	1	9	1	2		
441	262516.6	592871	276.611403	4.4	4	0.4	276.211403	1	rock	1.5	6	2	Wind Farm Infrastructure	3	278.67	44.2	3	-2.058597	1	9	1	2		
442	262448.8	592846.6	280.865007	2.1	2	0.5	280.365007	1	rock	1.5	3	1	Wind Farm Infrastructure	3	280.46	18.7	3	0.405007	1	9	1	1		
443	261779.4	592908.1	298.606802	4.7	4	1.0	297.606802	2	sand and gravel	1	8	2	Roads, Tracks, Paths	2	302.44	40.1	3	-3.833198	1	6	1	2		
444	261944.7	592914.9	289.559591	3.3	2	1.2	288.359591	2	rock	FALSE	0	1	Water Feature	6	288.25	136.4	3	1.309591	1	18	2	2		
445	262091.8	592914.2	286.538154	3.1	2	2.7	283.838154	3	rock	FALSE	0	1	Wind Farm Infrastructure	3	280.1	146.6	3	6.438154	1	9	1	1		
446	262190.2	592922.1	285.47624	3.1	2	2.1	283.37624	3	rock	FALSE	0	1	Wind Farm Infrastructure	3	280.01	136.0	3	5.46624	1	9	1	1		
447	262303.3	592945.9	282.074346	2.4	2	1.2	280.874346	2	rock	FALSE	0	1	Wind Farm Infrastructure	3	276.28	117.5	3	5.794346	1	9	1	1		
448	262289.8	593053.2	279.67302	3.1	2	0.5	279.17302	1	rock	FALSE	0	1	Wind Farm Infrastructure	3	278.3	23.1	3	1.37302	1	9	1	1		
449	262151.6	593031.3

482	262539.7	591275.7	188.652444	1.2	1	1.9	186.752444	3	sand and gravel	1	3	1	Water Feature	6	188.6	3.8	4	0.052444	1	24	3	3	
483	262506.1	591322.6	189.74752	1.1	1	0.0	189.74752	1	sand and gravel	1	1	1	Water Feature	6	189.68	11.4	3	0.06752	1	18	2	2	
484	262459.5	591372.9	191.324249	2.8	2	1.0	190.324249	2	rock	1.5	6	2	Water Feature	6	192.47	14.9	3	-1.145751	1	18	2	4	
485	262414.8	591412.9	194.881577	4.5	4	0.3	194.581577	1	rock	1.5	6	2	Roads, Tracks, Paths	2	196.11	22.3	3	-1.228423	1	6	1	2	
486	262412	591475.7	198.472225	3.0	2	0.2	198.272225	1	rock	1.5	3	1	Water Feature	6	198.64	10.6	3	-0.167775	1	18	2	2	
487	262417.1	591529	200.29555	3.9	2	0.0	200.29555	1	rock	1.5	3	1	Water Feature	6	200.06	11.6	3	0.23555	1	18	2	2	
488	262401.6	591586.3	206.728828	6.1	4	0.0	206.728828	1	rock	1.5	6	2	Water Feature	6	206.18	25.6	3	0.548828	1	18	2	4	
489	262466.1	591624.9	207.228706	7.0	4	0.0	207.228706	1	rock	1.5	6	2	Water Feature	6	207.9	99.1	3	-0.671294	1	18	2	4	
490	262382	591644	210.620422	5.1	4	0.4	210.220422	1	rock	1.5	6	2	Water Feature	6	209.06	25.6	3	1.560422	1	18	2	4	
491	262348.4	591636.7	210.314555	5.1	4	1.0	209.314555	2	sand and gravel	1	8	2	Wind Farm Infrastructure	3	210.42	1.2	4	-0.105445	1	12	2	4	
492	262391.4	591750.5	220.385754	5.3	4	0.0	220.385754	1	rock	1.5	3	2	Roads, Tracks, Paths	2	220.5	2.3	4	-0.114246	1	8	1	2	
493	262428.8	591888.4	227.707674	5.6	4	0.1	227.607674	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	228.85	12.1	3	-1.142326	1	9	1	1	
494	262414.3	591954.1	232.968406	9.0	6	0.0	232.968406	1	rock	1.5	9	2	Wind Farm Infrastructure	3	231.48	13.3	3	1.488406	1	9	1	2	
495	262471.1	592037.7	235.641589	8.0	6	0.0	235.641589	1	sand and gravel	1	3	2	Roads, Tracks, Paths	2	235.48	1.4	4	0.161589	1	8	1	2	
496	262486.1	592144.2	243.234175	6.0	4	0.2	243.034175	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	243.01	2.2	4	0.224175	1	12	2	2	
497	262511.5	592247.4	248.184209	5.9	4	0.0	248.184209	1	rock	1.5	6	2	Roads, Tracks, Paths	2	247.74	6.0	4	0.444209	1	8	1	2	
498	262536.6	592339.4	254.33728	5.7	4	0.3	254.03728	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	253.8	6.3	4	0.53728	1	8	1	1	
499	262521.3	592396.3	259.643248	6.1	4	0.1	259.543248	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	257.52	31.2	3	2.123248	1	9	1	1	
500	262578.8	592479.7	263.061897	5.4	4	0.0	263.061897	1	rock	1.5	6	2	Roads, Tracks, Paths	2	263.7	6.9	4	-0.638103	1	8	1	2	
501	262544.1	592527.9	268.125842	3.9	2	0.2	267.925842	1	rock	1.5	3	1	Wind Farm Infrastructure	3	268.12	19.3	3	0.005842	1	9	1	1	
502	262514	592515.7	269.301235	4.6	4	0.2	269.101235	1	rock	1.5	6	2	Wind Farm Infrastructure	3	269.46	7.7	4	-0.158765	1	12	2	4	
503	262484.3	592544.2	272.889275	5.1	4	0.1	272.789275	1	rock	1.5	6	2	Wind Farm Infrastructure	3	272.68	11.7	3	0.209275	1	9	1	2	
504	262446.7	592526.8	273.754188	5.1	4	0.1	273.654188	1	rock	1.5	6	2	Wind Farm Infrastructure	3	274.53	47.2	3	-0.775812	1	9	1	2	
505	262465	592575.2	276.093573	5.2	4	0.1	275.993573	1	rock	1.5	6	2	Wind Farm Infrastructure	3	276.4	3.4	4	-0.306427	1	12	2	4	
506	262463.8	592610.3	277.769832	6.2	4	0.1	277.669832	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	277.99	2.5	4	-0.220168	1	12	2	2	
507	262411.5	592636.1	282.405416	3.9	2	0.3	282.105416	1	rock	1.5	3	1	Wind Farm Infrastructure	3	281.72	30.0	3	0.685416	1	9	1	1	
508	262360.6	592610.3	283.79523	3.5	2	0.1	283.69523	1	rock	1.5	3	1	Wind Farm Infrastructure	3	283.82	2.9	4	-0.02477	1	12	2	2	
509	262348.6	592563.2	282.080992	3.4	2	0.1	281.980992	1	rock	1.5	3	1	Wind Farm Infrastructure	3	284.16	39.8	3	0.379008	1	9	1	1	
510	262302.7	592553.3	283.619347	4.9	4	2.5	281.119347	3	clay	2	24	3	Wind Farm Infrastructure	3	285.92	40.5	3	-2.300653	1	9	1	3	
511	262291.1	592598.3	286.245866	4.9	4	0.1	286.145866	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	286.5	3.7	4	-0.254134	1	12	2	2	
512	262255.8	592573	288.026853	4.7	4	0.0	288.026853	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	288.24	3.3	4	-0.213147	1	12	2	2	
513	262212.4	592530.6	289.948449	5.1	4	0.0	289.948449	1	rock	1.5	6	2	Wind Farm Infrastructure	3	290.59	8.5	4	-0.641551	1	12	2	4	
514	262169.1	592571.6	294.882038	5.0	4	2.1	292.782038	3	rock	1.5	18	3	Wind Farm Infrastructure	3	293.89	12.4	3	0.992038	1	9	1	3	
515	262112.5	592567.1	298.109162	3.4	2	0.1	298.009162	1	rock	1.5	3	1	Wind Farm Infrastructure	3	297.04	22.0	3	1.069162	1	9	1	1	
516	262115.6	592544	297.284159	3.4	2	1.6	295.684159	3	rock	1.5	9	2	Wind Farm Infrastructure	3	297.4	3.4	4	-0.115841	1	12	2	4	
517	262136.5	592499	294.615956	4.2	4	0.4	294.215956	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	294.27	6.6	4	0.345956	1	12	2	2	
518	262048.4	592522.4	300.721259	4.3	4	2.1	298.621259	3	clay	2	24	3	Wind Farm Infrastructure	3	301.01	10.1	3	-0.288741	1	9	1	3	
519	262053.9	592544.9	300.670666	4.5	4	0.2	300.470666	1	rock	1.5	6	2	Wind Farm Infrastructure	3	300.68	7.5	4	-0.009334	1	12	2	4	
520	262059.4	592578.2	300.986869	3.2	2	0.2	300.786869	1	rock	1.5	3	1	Wind Farm Infrastructure	3	300.29	40.8	3	0.696869	1	9	1	1	
521	262005.3	592570.3	304.817433	4.5	4	0.1	304.717433	1	rock	1.5	6	2	Wind Farm Infrastructure	3	305.29	24.1	3	-0.472567	1	9	1	2	
522	261991.4	592535.8	306.164047	7.3	4	0.1	306.064047	1	rock	1.5	6	2	Wind Farm Infrastructure	3	305.96	6.8	4	0.204047	1	12	2	4	
523	261984	592508.1	307.381357	7.4	4	0.9	306.481357	2	sand and gravel	1	8	2	Roads, Tracks, Paths	2	306.84	10.0	3	0.541357	1	6	1	2	
524	261936	592562.3	310.838995	5.3	4	0.3	310.538995	1	rock	1.5	6	2	Wind Farm Infrastructure	3	311.13	3.6	4	-0.291005	1	12	2	4	
525	261945.1	592585.3	309.131729	4.9	4	0.1	309.031729	1	rock	1.5	6	2	Wind Farm Infrastructure	3	310.5	19.3	3	-1.368271	1	9	1	2	
526	261833.9	592627.8	317.235556	8.0	6	0.1	317.135556	1	rock	1.5	9	2	Wind Farm Infrastructure	3	317.59	4.5	4	-0.354444	1	12	2	4	
527	261812.4	592619.4	318.814346	5.4	4	0.6	318.214346	2	rock	1.5	12	2	Wind Farm Infrastructure	3	317.66	13.1	3	1.154346	1	9	1	2	
528	261735.3	592646.1	322.658725	8.1	6	0.1	322.558725	1	rock	1.5	9	2	Wind Farm Infrastructure	3	320.81	16.6	3	1.848725	1	9	1	2	
529	261739.6	592689.6	318.840358	6.8	4	0.2	318.640358	1	rock	1.5	6	2	Wind Farm Infrastructure	3	319.17	2.9	4	-0.329642	1	12	2	4	
530	261761.5	592719.8	314.608714	7.3	4	0.1	314.508714	1	rock	1.5	6	2	Wind Farm Infrastructure	3	318.08	29.3	3	-3.471286	1	9	1	2	
531	261725.7	592715	318.94807	6.5	4	0.1	318.84807	1	rock	1.5	6	2	Wind Farm Infrastructure	3	319.15	7.7	4	-0.20193	1	12	2	4	
532	261715.7	592705.8	320.295485	5.0	4	0.1	320.195485	1	rock	1.5	6	2	Wind Farm Infrastructure	3	320.09	2.5	4	0.205485	1	12	2	4	
533	261686.5	592709.6	322.507371	6.6	4	0.2	322.307371	1	rock	1.5	6	2	Wind Farm Infrastructure	3	322.7	4.9	4	-0.192629	1	12	2	4	
534	261669.9	592704.8	324.384828	6.3	4	0.1	324.284828	1	rock	1.5	6	2	Wind Farm Infrastructure	3	324.63	7.7	4	-0.245172	1	12	2	4	
535	261646.4	592701.3	326.309425	6.2	4	0.1	326.209425	1	rock	1.5	6	2	Wind Farm Infrastructure	3	324.63	26.4	3	1.679425	1	9	1	2	
536	261689.7	592663.7	325.873122	8.7	6	0.6	325.273122	2	sand and gravel	1	12	2	Wind Farm Infrastructure	3	324.07	11.8	3	1.803122	1	9	1	2	
537	261693.2	592647.9	327.165026	8.7	6	0.2	326.965026	1	sand and gravel	1	6	2	Wind Farm Infrastructure	3	324.05	21.7	3	3.115026	1	9	1	2	
538	261689.5	592679.2	324.266505	7.8	4	0.1	324.166505	1	not proven	2	8	2	Wind Farm Infrastructure	3	324.63	2.6	4	-0.363495	1	12	2	4	
539	261691.8	592691.7	323.163356	6.6	4	0.1	323.063356	1	not proven	2	8	2	Wind Farm Infrastructure	3	324.64	13.0	3	-1.476644	1	9	1	2	
540	261626.2	592700.3	327.801034	6.2	4	0.1	327.701034	1	rock	1.5	6	2	Wind Farm Infrastructure	3	324.63	46.4	3	3.171034	1	9	1	2	
541	261680.9	592734	321.290665	6.1	4	0.1	321.190665	1	rock	1.5	6	2	Wind Farm Infrastructure	3	321.31	2.2	4	-0.019335	1	12	2	4	
542	261609.3	592734.3	326.034543	5.8	4	0.1	325.934543	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	322.58	32.8	3	3.454543	1	9	1	1	
543	261628.3	592764.8	322.228202	6.5	4	0.2	322.028202	1	rock	1.5	6	2	Wind Farm Infrastructure	3	322.5	2.4	4	-0.271798	1	12	2	4	
544	261527.9	592811.1	322.503962	3.4	2	1.0	321.503962	2	not proven	2	8	2	Wind Farm Infrastructure	3	321.77	18.5	3	0.733962	1	9	1	2	
545	261497.3	592863.2	319.581279	1.8	1	0.2	319.381279	1	rock	1.5	1.5	1	Wind Farm Infrastructure	3	319.65	5.3	4	-0.068721	1	12	2	2	
546	261517	592887.3	319.189868	3.6	2	0.2	318.989868	1	rock	1.5	3	1	Wind Farm Infrastructure	3	319.56	6.6	4	-0.370132	1	12	2	2	
547	261493.9	592960.6	317.025393	4.6	4	0.1	316.925393	1	rock	1.5	6	2	Wind Farm Infrastructure	3	318.35	18.3	3	-1.324607	1	9	1	2	
548	261445.6	592946.6	319.623838	3.7	2	0.3	319.323838	1	rock	1.5	3	1	Wind Farm Infrastructure	3	320.03	16.0	3	-0.406162	1	9	1	1	
549	261419.8	592912.8	320.705039	1.0	1	0.1	320.605039	1	rock	1.5	1.5	1	Wind Farm Infrastructure	3	320.68	23.0	3	0.025039	1	9	1	1	
550	261407.1	592980.4	319.080788	0.2	1	1.0	318.080788	2	rock	1.5	3	1	Wind Farm Infrastructure	3	319.05	13.1	3	0.030788	1	9	1	1	
551	261439.4	592991.4	318.808874	3.6	2	0.3	318.508874	1	rock	1.5	3	1	Wind Farm Infrastructure	3	318.53	3.3	4	0.278874	1	12	2	2	
552	261484.4	593008.8	314.380179	4.7	4	0.8	313.580179	2	rock	1.5	12	2	Wind Farm Infrastructure	3	317.61	34.3	3	-3.229821	1	9	1	2	
553	261474.6	593073.3	313.710649	5.0	4	3.2	310.510649	3	rock	1.5	18	3	Wind Farm Infrastructure	3	317.51	52.1	3	-3.799351	1	9	1	3	
554	261464.1	593061.7	314.310185	4.9	4	3.5	310.810185	3	clay	FALSE	0	1	Wind Farm Infrastructure	3	317.77	41.6	3	-3.459815	1	9	1	1	
555	261450.5	593049.9	315.477029	4.8	4	3.5	311.977029	3	rock	1.5	18	3	Wind Farm Infrastructure	3	317.51	26.1	3	-2.032971	1	9	1	3	
556	261422.1	593050.2	317.873709	4.7	4	3.8	314.073709	3	rock	1.5	18	3	Wind Farm Infrastructure	3	317.82	2.3	4	0.053709	1	12	2	6	
557	261407	593042.2	318.939047	2.2	2	4.5	314.439047	3	rock	1.5	9	2	Wind Farm Infrastructure	3	318.32	10.6	3	0.619047	1	9	1	2	
558	261392.7	593052.2	319.117442	0.6	1	4.0	315.117442	3	rock	1.5	4.5	1	Wind Farm Infrastructure	3	318.24	24.8	3	0.877442	1	9	1	1	
559	261384.3	593067.5	319.120432	0.9	1	2.5	316.620432	3	rock	1.5	4.5	1	Wind Farm Infrastructure	3	317.66	34.6	3	1.460432	1	9	1	1	
560	261407.5	593011.8	319.059926	0.1	1	2.5	316.559926	3	rock	1.5	4.5	1	Wind Farm Infrastructure	3	318.34	20.8	3	0.719926	1	9	1	1	
561	261409.4	593029.1	319.001764	1.7	1	2.5	316.501764	3	rock	1.5	4.5	1	Wind Farm Infrastructure	3	318.22	13.1	3	0.781764	1	9	1	1	
562	261408.7	593064	318.440561	3.0	2	3.0	315.440561	3	clay	2	12	2	Wind Farm Infrastructure	3	318.14	10.9	3	0.300561	1	9	1	2	
563	261404.2	593083	318.24305	3.4	2	1.0	317.24305	2	not proven	2	8	2	Wind Farm Infrastructure	3	317.53	13.3	3	0.71305	1	9	1	2	
564	261424.1	593109.8	317.820175	4.9	4	0.1	317.720175	1	rock	1.5	6	2	Wind Farm Infrastructure	3	317.79	2.8	4	0.030175	1	12	2	4	
565	261457.4	593138.4	317.340305	4.9	4	0.1	317.240305	1	not proven	2	8	2	Wind Farm Infrastructure	3	317.57	4.1	4	-0.229695	1	12	2	4	
566	261471.6	593121.8	315.494598	4.9	4	4.5	310.994598	3	rock	1.5	18	3	Wind Farm Infrastructure	3	317.6	24.8	3	-2.105402	1	9	1	3	
567	261528.7	593142	314.427302	6.3	4	2.0	312.427302	3	rock	1.5	18	3	Wind Farm Infrastructure	3	318.19	34.5	3	-3.762698	1	9	1	3	
568	261510.1	593175.1	318.497178	5.3	4	0.1	318.397178	1	rock	1.5	6	2	Wind Farm Infrastructure	3	318.66	3.4	4	-0.162822	1	12	2	4	
569	261565.9	593237.9	319.74021	2.0	2	0.1	319.64021	1	rock	1.5	3	1	Wind Farm Infrastructure	3	318.79	27.9	3	0.95021	1	9	1	1	
570	261609.9	593174.8	312.231293	7.6	4	0.3	311.931293	1	rock	1.5	6	2	Wind Farm Infrastructure	3	317.32	39.6	3	-5.088707	1	9	1	2	
571	261669.2	593282.4	317.857413	7.5	4	0.1	317.757413	1	rock	1.5	6	2	Wind Farm Infrastructure	3	318.49	5.3	4	-0.632587	1	12	2	4	
572	261621	593325.4	321.125709	0.6	1	0.8	320.325709	2	rock	1.5	3	1	Wind Farm Infrastructure	3	319.85	49.9	3	1.275709	1	9	1	1	
573	261705.7	593386.1	318.078397	4.8	4	0.6	317.478397	2	clay	2	16	3	Wind Farm Infrastructure	3	317.91	2.3	4	0.168397	1	12	2	6	
574	261737.9	593365.7	314.799727	6.5	4	0.1	314.699727	1	not proven	2	8	2	Wind Farm Infrastructure	3	314.29	4.9	4	0.509727	1	12	2	4	
575	261771.8	593333.8	311.017939	7.4	4	0.8	310.217939	2	not proven	2	16	3	Wind Farm Infrastructure	3	314.25	41.0	3	-3.232061	1	9	1	3	
576	261792.9	593423.4	308.685241	6.9	4	0.1	308.585241	1	rock	1.5	6	2	Wind Farm Infrastructure	3	312.52	34.3	3	-3.834759	1	9	1	2	
577	261778.5	593441.7	310.091016	6.7	4	0.1	309.991016	1	rock	1.5	6	2	Wind Farm Infrastructure	3	313.35	32.8	3	-3.258984	1	9	1	2	
578	261770	593454.1	310.719061	6.6	4	0.1	310.619061	1	not proven	2	8	2	Wind Farm Infrastructure	3	312.48	19.4	3	-1.760939	1	9	1	2	
579	261769.6	593471.9	310.292048	6.6	4	0.1	310.192048	1	rock	1.5	6	2	Wind Farm Infrastructure	3	311.65	12.2	3	-1.357952	1	9	1	2	
580	261756.7	593491.9	311.232724	6.7	4	2.9	308.332724	3	rock	1.5	18	3	Wind Farm Infrastructure	3	311.13	1.0	4	0.102724	1	12	2	6	
581	261739.3	593507.5	312.904438	7.1	4	0.1	312.804438	1	rock	1.5	6	2	Wind Farm Infrastructure	3	311.13	23.6	3	1.770438	1	9	1	2	
582	261723.9	593521.4	314.793725	7.3	4	0.1	314.693725	1	not proven	2	8	2	Wind Farm Infrastructure	3	310.3	43.0	3	4.493725	1	9	1	2	
583	261708.6	593543.9	316.616333	7.3	4	0.1	316.516333	1	rock	1.5	6	2	Wind Farm Infrastructure	3	309.54	66.8	3	7.076333	1	9	1	2	
584	261703.1	593555.3	316.683074	1	1	0.1	316.583074	1	not proven	2	2	1	Wind Farm Infrastructure	3	309.2	76.8	3	7.483074	1	9	1	1	
585	261697.8	593465.6	318.199168	4.1	4	0.1	318.099168	1	not proven	2	8	2	Wind Farm Infrastructure	3	314.64	41.9	3	3.559168	1	9	1	2	
586	261671.2	593457.7	319.653454	1.1	1	0.1	319.553454	1	rock	1.5	1.5	1	Wind Farm Infrastructure	3	316.23	59.5	3	3.423454	1	9	1	1	
587	261729	593480.2	314.924491	6.7	4	1.0	313.924491	2	not rpoven	FALSE	0	1	Wind Farm Infrastructure	3	312.83	20.0	3	2.094491	1	9	1	1	
588	261647.9	593452.5	320.42504	3.7	2	0.1	320.32504	1	rock	1.5	3	1	Wind Farm Infrastructure	3	316.62	77.9	3	3.80504	1	9	1	1	
589	261771.2	593505.9	309.282999	6.4	4	2.5	306.782999	3	not rpoven	FALSE	0	1	Wind Farm Infrastructure	3	309.1	2.1	4	0.182999	1	12	2	2	
590	261794.5	593528.3	306.78185	6.8	4	0.1	306.68185	1	rock	1.5	6	2	Wind Farm Infrastructure	3	307.81	11.5	3	-1.02815	1	9	1	2	
591	261810.7	593538.9	304.788336	10.1	6	0.1	304.688336	1	rock	1.5	9	2	Wind Farm Infrastructure	3	307.46	20.2	3	-2.671664	1	9	1	2	
592	261832.6	593553.9	301.499195	5.2	4	0.1	301.399195	1	rock	1.5	6	2	Wind Farm Infrastructure	3	303.27	31.0	3	-1.770805	1	9	1	2	
593	261843.3	593562.5	300.31068	5.2	4	0.1	300.21068	1	not proven	2	8	2	Wind Farm Infrastructure	3	302.17	32.7	3	-1.85932	1	9	1	2	
594	262069.7	592421	295.603058	6.6	4	0.0	295.603058	1	rock	1.5	6	2	Roads, Tracks, Paths	2	295.35	3.2	4	0.253058	1	8	1	2	
595	262054.3	592411.8	297.248617	7.5	4	0.1	297.148617	1	rock	1.5	6	2	Wind Farm Infrastructure	3	295.2	19.5	3	2.048617	1	9	1	2	
596	262044.1	592397.3	298.199884	7.9	4	0.1	298.099884	1	rock	1.5	6	2	Wind Farm Infrastructure	3	299.12	6.6	4	-0.920116	1	12	2	4	
597	262022.5	592391.1	300.817112	7.5	4	0.1	300.717112	1	rock	1.5	6	2	Wind Farm Infrastructure	3	299.78	11.8	3	1.037112	1	9	1	2	
598	262007.5	592372.9	302.306367	8.7	6	0.1	302.206367	1	rock	1.5	9	2	Wind Farm Infrastructure	3	299.78	35.1	3	2.526367	1	9	1	2	
599	261999.8	592358.7	303.076275	8.8	6	0.1	302.976275	1	rock	1.5	9	2	Wind Farm Infrastructure	3	298.96	50.6	3	4.116275	1	9	1	2	
600	262004.5	592444.6	304.992431	8.0	6	0.1	304.892431	1	rock	1.5	9	2	Wind Farm Infrastructure	3	301.06	35.5	3	3.932431	1	9	1	2	
601	262015.1	592438.8	303.270669	8.0	6	0.1	303.270669	1	rock	1.5	9	2	Wind Farm Infrastructure	3	300.51	23.8	3	2.860669	1	9	1	2	
602	262031.9	592416.8	300.431904	8.0	6	0.1	300.331904	1	rock	1.5	9	2	Wind Farm Infrastructure	3	301.06	4.5	4	-0.628096	1	12	2	4	
603	262065.8	592381	294.680427	8.8	6	0.1	294.580427	1	rock	1.5	9	2	Wind Farm Infrastructure	3	296.17	10.5	3	-1.489573	1	9	1	2	
604	262088.5	592418.2	293.785763	5.6	4	0.1	293.685763	1	rock	1.5	6	2	Wind Farm Infrastructure	3	293.84	1.2	4	-0.054237	1	12	2	4	
605	262099.2	592414.1	292.466007	8.3	6	0.1	292.366007	1	rock	1.5	9	2	Wind Farm Infrastructure	3	293.41	7.5	4	-0.943993	1	12	2	4	
606	262154.3	592463.5	291.830454	4.3	4	0.1	291.730454	1	rock	1.5	6	2	Wind Farm Infrastructure	3	292.89	14.9	3	-1.059546	1	9	1	2

642	262147.5	593078.2	279.551546	1.4	1	0.8	278.751546	2	rock	1.5	3	1	Wind Farm Infrastructure	3	279.2	14.3	3	0.351546	1	9	1	1
643	262126.6	593084.1	279.448025	1.4	1	1.0	278.448025	2	rock	1.5	3	1	Wind Farm Infrastructure	3	279.25	8.5	4	0.198025	1	12	2	2
644	262104.9	593086	279.451682	1.5	1	0.1	279.351682	1	sand and gravel	1	1	1	Wind Farm Infrastructure	3	279.42	7.7	4	0.031682	1	12	2	2
645	262076.8	593087.9	278.933158	4.7	4	0.1	278.833158	1	rock	1.5	6	2	Water Feature	6	277.23	21.5	3	1.703158	1	18	2	4
646	262056.9	593089.8	277.737045	4.2	4	0.2	277.537045	1	sand and gravel	1	4	1	Water Feature	6	277.44	5.2	4	0.297045	1	24	3	3
647	262118.2	593018.1	281.074593	1.4	1	0.1	280.974593	1	rock	1.5	1.5	1	Wind Farm Infrastructure	3	280.1	39.7	3	0.974593	1	9	1	1
648	262119	593039.8	280.542901	1.4	1	0.4	280.142901	1	rock	1.5	1.5	1	Wind Farm Infrastructure	3	280.1	18.1	3	0.442901	1	9	1	1
649	262119	593068.1	279.850902	1.4	1	0.3	279.550902	1	clay	2	2	1	Wind Farm Infrastructure	3	279.89	6.5	4	-0.039098	1	12	2	2
650	262133.2	593100.4	279.043839	1.4	1	0.2	278.843839	1	rock	1.5	1.5	1	Wind Farm Infrastructure	3	279	2.2	4	0.043839	1	12	2	2
651	262375.7	593169.4	271.367295	1.7	1	0.5	270.867295	1	rock	1.5	1.5	1	Wind Farm Infrastructure	3	271.42	16.9	3	-0.052705	1	9	1	1
652	262396.7	593179.4	271.072194	1.6	1	0.9	270.172194	2	sand and gravel	1	2	1	Wind Farm Infrastructure	3	271.13	2.1	4	-0.057806	1	12	2	2
653	262417.5	593187	270.46723	2.1	2	0.5	269.96723	1	rock	1.5	3	1	Wind Farm Infrastructure	3	270.98	20.5	3	-0.51277	1	9	1	1
654	262559.3	593555.2	256.360197	4.3	4	1.7	254.660197	3	rock	1.5	18	3	Water Feature	6	251.15	124.4	3	5.210197	1	18	2	6
655	262549.9	593592.9	254.451742	4.3	4	1.8	252.651742	3	rock	1.5	18	3	Water Feature	6	251.15	158.9	3	3.301742	1	18	2	6
656	262647.7	593652	249.801073	2.4	2	0.1	249.701073	1	rock	1.5	3	1	Water Feature	6	244.14	139.7	3	5.661073	1	18	2	2
657	262678.1	593619.8	248.863905	4.8	4	0.1	248.763905	1	rock	1.5	6	2	Water Feature	6	248.64	111.5	3	0.223905	1	18	2	4
658	262709.1	593598.4	246.478558	5.1	4	1.0	245.478558	2	rock	1.5	12	2	Water Feature	6	244.34	77.3	3	2.138558	1	18	2	4
659	262903.1	593731.2	233.511198	2.8	2	0.1	233.411198	1	rock	1.5	3	1	Water Feature	6	231.8	79.3	3	1.711198	1	18	2	2
660	262912.9	593751.7	233.041616	2.6	2	0.1	232.941616	1	rock	1.5	3	1	Water Feature	6	229.34	87.6	3	3.701616	1	18	2	2
661	262926.3	593772.2	232.41738	2.6	2	0.0	232.41738	1	not proven	2	4	1	Water Feature	6	227.37	89.8	3	5.04738	1	18	2	2
662	262936.2	593823.6	231.83844	2.1	2	0.0	231.83844	1	not proven	2	4	1	Water Feature	6	231.1	48.9	3	0.73844	1	18	2	2
663	262947.1	593862	230.895663	2.5	2	0.1	230.795663	1	not proven	2	4	1	Water Feature	6	231.1	14.2	3	-0.204337	1	18	2	2
664	263022	593763.2	226.210239	5.9	4	1.1	225.110239	2	clay	2	16	3	Water Feature	6	223.16	46.9	3	3.050239	1	18	2	6
665	262985	593752.7	228.94738	5.2	4	0.1	228.84738	1	rock	1.5	6	2	Water Feature	6	227.37	37.4	3	1.57738	1	18	2	4
666	262962.9	593772.1	230.819726	2.5	2	0.0	230.819726	1	rock	1.5	3	1	Water Feature	6	227.37	64.6	3	3.449726	1	18	2	2
667	262906.9	593798.8	233.144019	2.1	2	0.9	232.244019	2	not proven	2	8	2	Water Feature	6	233.7	65.7	3	-0.555981	1	18	2	4
668	262864.6	593795.4	235.126332	3.0	2	1.0	234.126332	2	rock	1.5	6	2	Water Feature	6	234.25	57.2	3	0.876332	1	18	2	4
669	262846.8	593790.4	236.154049	3.2	2	2.0	234.154049	3	rock	1.5	9	2	Water Feature	6	235.99	58.9	3	0.154049	1	18	2	4
670	262793.9	593713.1	239.502801	3.0	2	1.0	238.502801	2	rock	1.5	6	2	Water Feature	6	243.81	114.8	3	-4.307199	1	18	2	4
671	262821	593684.4	238.191945	3.3	2	0.0	238.191945	1	rock	1.5	3	1	Water Feature	6	235.34	80.4	3	2.851945	1	18	2	2
672	262856.9	593666.9	236.254803	3.2	2	0.0	236.254803	1	not proven	2	4	1	Water Feature	6	234.95	42.4	3	1.304803	1	18	2	2
673	262569.8	591215.2	186.857686	1.7	1	0.0	186.857686	1	sand and gravel	1	1	1	Roads, Tracks, Paths	2	186.94	3.3	4	-0.082314	1	8	1	1
674	262568.8	591220.3	187.002999	1.6	1	0.0	187.002999	1	sand and gravel	1	1	1	Roads, Tracks, Paths	2	187.08	2.6	4	-0.077001	1	8	1	1
675	262562.7	591216.6	186.97389	1.7	1	0.0	186.97389	1	sand and gravel	1	1	1	Water Feature	6	187	0.9	4	-0.02611	1	24	3	3
676	262552.6	591214.3	187.006008	1.8	1	0.1	186.906008	1	sand and gravel	1	1	1	Water Feature	6	187	10.4	3	0.006008	1	18	2	2
677	262591	591227.4	186.954629	1.7	1	0.5	186.454629	1	rock	1.5	1.5	1	Water Feature	6	187.18	9.9	4	-0.225371	1	24	3	3
678	262557.1	591270.2	188.447859	1.4	1	0.8	187.647859	2	rock	1.5	3	1	Water Feature	6	188.35	12.3	3	0.097859	1	18	2	2
679	262533.3	591249.8	188.162404	1.4	1	0.0	188.162404	1	sand and gravel	1	1	1	Wind Farm Infrastructure	3	188.12	2.4	4	0.042404	1	12	2	2
680	262521.7	591231.9	187.814814	1.6	1	0.1	187.714814	1	sand and gravel	1	1	1	Wind Farm Infrastructure	3	187.82	1.0	4	-0.005186	1	12	2	2
681	262499.4	591281.6	188.965232	1.2	1	0.0	188.965232	1	sand and gravel	1	1	1	Roads, Tracks, Paths	2	188.99	2.1	4	-0.024768	1	8	1	1
682	262519.4	591303.5	189.302003	1.2	1	1.8	187.502003	3	rock	1.5	4.5	1	Water Feature	6	189.29	2.1	4	0.012003	1	24	3	3
683	262496.4	591258.5	188.5316	1.2	1	0.0	188.5316	1	rock	1.5	1.5	1	Wind Farm Infrastructure	3	188.5	1.5	4	0.0316	1	12	2	2
684	262474.3	591306.7	189.587616	1.2	1	0.0	189.587616	1	sand and gravel	1	1	1	Wind Farm Infrastructure	3	189.61	1.9	4	-0.022384	1	12	2	2
685	262494.4	591333	190.006591	1.0	1	0.0	190.006591	1	sand and gravel	1	1	1	Water Feature	6	189.83	23.1	3	0.176591	1	18	2	2
686	262450.1	591282.6	189.668383	1.3	1	0.0	189.668383	1	sand and gravel	1	1	1	Wind Farm Infrastructure	3	189.62	2.4	4	0.068383	1	12	2	2
687	262424.5	591341.5	190.985905	2.2	2	0.0	190.985905	1	sand and gravel	1	2	1	Wind Farm Infrastructure	3	191.05	2.2	4	-0.064095	1	12	2	2
688	262405.8	591323.9	191.892727	3.8	2	0.0	191.892727	1	sand and gravel	1	2	1	Roads, Tracks, Paths	2	190.99	21.6	3	0.902727	1	6	1	1
689	262440.8	591366.2	191.145457	3.1	2	0.1	191.045457	1	sand and gravel	1	2	1	Roads, Tracks, Paths	2	190.78	25.2	3	0.365457	1	6	1	1
690	262399	591376.6	193.657783	5.0	4	0.0	193.657783	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	193.81	1.8	4	-0.152217	1	8	1	1
691	262428.2	591400	193.644892	4.5	4	2.5	191.144892	3	rock	1.5	18	3	Water Feature	6	194.65	19.0	3	-1.005108	1	18	2	6
692	262419.5	591375.8	192.33487	4.3	4	4.5	187.83487	3	rock	1.5	18	3	Wind Farm Infrastructure	3	192.59	14.6	3	-0.25513	1	9	1	3
693	262379.3	591360.7	194.109231	4.0	4	1.0	193.109231	2	sand and gravel	1	2	1	Roads, Tracks, Paths	2	193.54	14.8	3	0.569231	1	6	1	2
694	262385.3	591428.3	197.327021	4.4	4	0.0	197.327021	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	197.16	2.3	4	0.167021	1	12	2	2
695	262415.9	591435.3	196.420985	3.3	2	1.0	195.420985	2	sand and gravel	1	4	1	Water Feature	6	196.93	9.7	4	-0.509015	1	24	3	3
696	262357.2	591424.5	198.733074	4.4	4	0.0	198.733074	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	197.71	26.5	3	1.022074	1	6	1	1
697	262359.7	591477.3	201.364898	4.5	4	0.0	201.364898	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	200.07	22.8	3	1.294898	1	6	1	1
698	262390.3	591478.8	199.696545	4.4	4	0.0	199.696545	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	199.5	2.6	4	0.196545	1	8	1	1
699	262412.4	591483.1	198.86012	2.6	2	0.1	198.76012	1	sand and gravel	1	2	1	Water Feature	6	198.79	10.1	3	0.07012	1	18	2	2
700	262371.1	591532.3	202.824678	5.4	4	0.0	202.824678	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	202.75	1.4	4	0.074678	1	8	1	1
701	262350.7	591524.6	203.624973	5.4	4	0.0	203.624973	1	rock	1.5	6	2	Roads, Tracks, Paths	2	202.75	23.2	3	0.874973	1	6	1	2
702	262393.3	591545.2	202.446822	5.4	4	0.0	202.446822	1	sand and gravel	1	4	1	Water Feature	6	202.29	2.8	4	0.156822	1	24	3	3
703	262364.5	591583.4	207.131045	6.4	4	0.0	207.131045	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	207.07	2.1	4	0.061045	1	8	1	1
704	262388.3	591591.9	207.528433	4.7	4	0.0	207.528433	1	sand and gravel	1	4	1	Water Feature	6	207.9	15.8	3	-0.371567	1	18	2	2
705	262346.1	591589.5	208.408797	5.1	4	0.0	208.408797	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	208.52	3.3	4	-0.111203	1	8	1	1
706	262332.6	591587.1	209.067521	5.2	4	0.0	209.067521	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	208.52	15.8	3	0.547521	1	6	1	1
707	262309.7	591567.9	209.200059	4.8	4	0.0	209.200059	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	208.52	45.1	3	0.680059	1	6	1	1
708	262370.1	591643.1	210.727948	5.1	4	0.5	210.227948	1	sand and gravel	1	4	1	Water Feature	6	209.4	16.5	3	1.327948	1	18	2	2
709	262323.2	591629.2	212.082024	5.4	4	0.0	212.082024	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	212.28	3.4	4	-0.197976	1	8	1	1
710	262327.2	591695.9	217.352036	7.7	4	0.0	217.352036	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	216.05	9.9	4	1.302036	1	8	1	1
711	262350.7	591691.2	215.798077	7.4	4	0.0	215.798077	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	215.88	2.2	4	-0.081923	1	12	2	2
712	262377.8	591684.1	214.163277	5.1	4	0.0	214.163277	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	216.31	24.3	3	-2.146723	1	9	1	1
713	262363	591738.6	220.826926	5.2	4	0.0	220.826926	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	220.77	1.2	4	0.056926	1	12	2	2
714	262353.2	591721.5	219.587978	7.7	4	0.0	219.587978	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	219.53	4.4	4	0.057978	1	12	2	2
715	262340	591742.8	222.273779	5.2	4	0.0	222.273779	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	221.15	22.5	3	1.123779	1	9	1	1
716	262384.5	591720.6	218.176488	7.3	4	0.0	218.176488	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	219.27	9.8	4	-1.093512	1	8	1	1
717	262405.7	591782.9	222.234022	6.0	4	0.0	222.234022	1	sand and gravel	1	4	1	Water Feature	6	222.06	1.9	4	0.174022	1	24	3	3
718	262379	591785.6	223.809841	5.3	4	0.2	223.609841	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	224.03	2.4	4	-0.220159	1	12	2	2
719	262352.1	591796.1	225.843003	5.3	4	0.1	225.743003	1	sand and gravel	1	4	1	Water Feature	6	224.32	18.6	3	1.523003	1	18	2	2
720	262391.4	591829.9	226.706343	6.0	4	0.0	226.706343	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	226.8	2.8	4	-0.093657	1	12	2	2
721	262367.9	591835.5	228.396495	5.3	4	0.0	228.396495	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	226.48	23.5	3	1.916495	1	9	1	1
722	262416.3	591822.1	224.154365	6.1	4	0.0	224.154365	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	225.64	14.9	3	-1.485635	1	6	1	1
723	262407.9	591878.1	228.784346	5.9	4	0.1	228.684346	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	228.78	0.7	4	0.004346	1	8	1	1
724	262382.4	591886.5	231.33345	5.7	4	0.0	231.33345	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	228.83	24.5	3	2.50345	1	9	1	1
725	262433	591873.2	226.428198	6.1	4	0.0	226.428198	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	228.02	20.5	3	-1.591802	1	6	1	1
726	262428.6	591925.1	229.769522	5.5	4	0.0	229.769522	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	229.98	2.6	4	-0.210478	1	8	1	1
727	262451.1	591922.2	228.0005	5.2	4	0.0	228.0005	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	229.91	21.3	3	-1.9095	1	6	1	1
728	262437.4	591832	223.162337	6.2	4	0.0	223.162337	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	226.3	31.7	3	-3.137663	1	6	1	1
729	262400.1	591924.9	232.141701	7.4	4	0.0	232.141701	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	230.51	17.6	3	1.631701	1	9	1	1
730	262384.1	591918.8	233.541955	8.4	6	0.0	233.541955	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	229.8	32.7	3	3.741955	1	6	1	2
731	262417.4	591970.4	234.297986	9.2	6	<Null>	#VALUE!	FALSE	not proven	2	0	1	Wind Farm Infrastructure	3	232.36	15.4	3	1.937986	1	9	1	1
732	262459.8	591958.3	229.57479	5.6	4	0.0	229.57479	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	230.79	13.0	3	-1.21521	1	6	1	1
733	262434	591962	231.743181	6.6	4	0.0	231.743181	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	231.89	1.6	4	-0.146819	1	12	2	2
734	262422.8	591969.8	233.557745	8.7	6	0.0	233.557745	1	sand and gravel	1	6	2	Wind Farm Infrastructure	3	232.36	9.9	4	1.197745	1	12	2	4
735	262449.1	592008.4	234.851988	8.0	6	0.0	234.851988	1	sand and gravel	1	6	2	Wind Farm Infrastructure	3	234.92	1.8	4	-0.068012	1	12	2	4
736	262430.2	592014.8	237.393194	8.6	6	<Null>	#VALUE!	FALSE	not proven	2	0	1	Wind Farm Infrastructure	3	234.91	17.4	3	2.483194	1	9	1	1
737	262475.6	592002.5	231.867568	6.2	4	0.0	231.867568	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	232.45	8.1	4	-0.582432	1	8	1	1
738	262465.1	592056.7	238.140071	8.0	6	0.2	237.940071	1	sand and gravel	1	6	2	Wind Farm Infrastructure	3	237.99	2.5	4	0.150071	1	12	2	4
739	262441.3	592067.8	241.608872	8.1	6	0.2	241.408872	1	sand and gravel	1	6	2	Wind Farm Infrastructure	3	239.49	21.2	3	2.118872	1	9	1	2
740	262492.4	592053.2	235.105207	8.1	6	0.1	235.005207	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	236.01	9.9	4	-0.904793	1	8	1	2
741	262480.4	592104.1	241.115741	6.2	4	0.0	241.115741	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	240.83	2.6	4	0.285741	1	12	2	2
742	262462	592108.2	242.938599	6.2	4	<Null>	#VALUE!	FALSE	not proven	2	0	1	Wind Farm Infrastructure	3	241.32	15.0	3	1.638599	1	9	1	1
743	262503.1	592100.4	238.461345	9.3	6	0.1	238.361345	1	sand and gravel	1	6	2	Roads, Tracks, Paths	2	239.99	10.8	3	-1.528655	1	6	1	2
744	262494.9	592154.1	243.125939	5.7	4	0.0	243.125939	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	243.2	2.9	4	-0.074061	1	12	2	2
745	262472.9	592144.5	244.420712	6.0	4	<Null>	#VALUE!	FALSE	not proven	2	0	1	Wind Farm Infrastructure	3	243.01	14.7	3	1.410712	1	9	1	1
746	262481.4	592159	244.498562	5.9	4	<Null>	#VALUE!	FALSE	not proven	2	0	1	Wind Farm Infrastructure	3	243.53	11.2	3	0.968562	1	9	1	1
747	262515.5	592152	241.43362	5.8	4	0.0	241.43362	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	242.45	13.0	3	-1.01638	1	6	1	1
748	262510.4	592198.4	244.891075	5.8	4	0.0	244.891075	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	244.67	2.3	4	0.221075	1	12	2	2
749	262534.4	592191.2	242.572703	6.3	4	0.1	242.472703	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	244.67	22.8	3	-2.097297	1	9	1	1
750	262489.9	592197.7	246.409997	5.9	4	0.2	246.209997	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	245.09	13.7	3	1.319997	1	6	1	1
751	262547.8	592228.8	244.362297	7.5	4	0.0	244.362297	1	rock	1.5	6	2	Water Feature	6	245.18	8.7	4	-0.817703	1	24	3	6
752	262540	592294.7	250.803933	5.7	4	0.0	250.803933	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	250.81	3.4	4	-0.006067	1	8	1	1
753	262533.1	592249.5	247.160204	5.4	4	0.0	247.160204	1	rock	1.5	6	2	Water Feature	6	247	2.1	4	0.160204	1	24	3	6
754	262577.8	592331.4	250.652012	4.7	4	0.0	250.652012	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	253.13	26.0	3	-2.477988	1	9	1	1
755	262515.1	592453.1	264.555058	5.8	4	0.0	264.555058	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	266.04	19.5	3	-1.484942	1	6	1	1
756	262562.7	592379.2	255.487401	5.5	4	0.0	255.487401	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	255.72	5.5	4	-0.232599	1	8	1	1
757	262554.6	592429.6	259.958875	6.2	4	0.0	259.958875	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	259.88	3.0	4	0.078875	1	12	2	2
758	262538.4	592437.5	261.668774	6.1	4	0.1	261.568774	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	260.82	14.1	3	0.848774	1	9	1	1
759	262542.8	592477.7	265.055126	5.8	4	0.0	265.055126	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	265.06	0.4	4	-0.050874	1	12	2	2
760	262570.7	592482.2	263.816195	5.6	4	0.0	263.816195	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	263.7	1.9	4	0.116195	1	8	1	1
761	262518.9	592467.8	265.552759	6.0	4	0.0	265.552759	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	266.04	4.9	4	-0.487241	1	8	1	1
762	262518.5	592527.2	269.485216	3.3	2	0.0	269.485216	1	sand and gravel	1	2	1	Wind Farm Infrastructure	3	269.28	4.0	4	0.205216	1	12	2	2
763	262470	592518.4	271.895774	5.1	4	0.0	271.895774	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	272	40.1	3	-0.104226	1	9	1	1
764	262397	592582	280.466217	5.3	4	0.0	280.466217	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	280.93	18.7	3	-0.463783	1	9	1	1
765	262500.8	592555.1	271.907105	6.2	4	0.1	271.807105	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	271.64	3.1	4	0.267105	1	12	2	2
766	262381.8	592457.6	273.659413	5.7	4	0.0	273.659413	1	sand and gravel	1	4	1	Roads, Tracks, Paths	2	268.79	50.0	3	4.869413	1	6	1	1
767	262453.6	592543.7	274.545865	5.0	4	0.0	274.545865	1	sand and gravel	1	4	1	Wind Farm Infrastructure	3	276.05	30.1	3	-1.504135	1	9	1	1
768	262412.4	592622.8	281.785839	4.1	4	0.1	281.685839	1	sand and gravel	1	4	1

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1 TO 4 Negligible
5 TO10 Low
11 TO 16 Medium
17 TO 25 High

1 TO 4 Negligible
5 TO10 Low
11 TO 16 Medium
17 TO 25 High

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