ACKRON WIND FARM

PEAT SLIDE RISK ASSESSMENT

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TABLE OF CONTENTS

1 INTRODUCTION 3
1.1 Background 3
1.2 Scope and Purpose 3

2 SITE INFORMATION 4
2.1 Site Description and Topography 4
2.2 Published Geology 4
2.2.1 Superficial Soils 4
2.2.2 Solid Geology 4
2.2.3 Geomorphology 4
2.2.4 Hydrology and Hydrogeology 5
2.3 Sources of Information 5

3 GUIDANCE AND METHODOLOGY 6
3.1 General Guidance on Peat Failure 6
3.2 Assessment Approach 6
3.3 Peat Probing Methodology 7
3.3.1 Development of Hazard Rank 7

4 SITE SURVEYS 8
4.1 Introduction 8
4.2 Peat Depth 8
4.3 Substrate 11

HAZARD AND EXPOSURE ASSESSMENT 12
4.4 Background 12
4.5 Methodology 12
4.6 Hazard Assessment 12
4.7 Hazard Rating 12
4.8 Peat Stability Assessment 13
4.9 Exposure Assessment 14
4.10 Exposure Rating 14
4.11 Rating Normalisation 15

5 HAZARD RANKING 17

6 SLIDE RISK AND MITIGATION 18
6.1 General 18

6.2 Embedded Mitigation 24
6.3 Peat Slide Mitigation Recommendations 24

7 PSRA CONCLUSIONS 25

APPENDIX A – FIGURES

APPENDIX B - HAZARD RANK ASSESSMENT RECORDS

1 INTRODUCTION

1.1 Background

Arcus Consultancy Services were commissioned by Statkraft to carry out a Peat Slide Risk Assessment (PSRA) for the proposed Ackron Wind Farm (The Development). The Development will consist of the following key infrastructure:

- Up to 12 three-bladed turbines with a maximum tip height of 149.9 m;
- Associated foundations, blade laydown areas and crane hardstandings at each wind turbine location;
- Access tracks linking the turbine locations;
- Substation compound incorporating electrical switchgear and wind farm control elements;
- Temporary construction compound;
- Underground cabling running adjacent to the access tracks where possible;
- A permanent anemometry mast (up to 92 m); and
- New site access off the A897.

The proposed Site layout is shown on Figure 13.1.1 appended with this report in Appendix A.

1.2 Scope and Purpose

This PSRA provides factual information on the peat survey results relating to the proposed turbine locations. The desk-based information and Site surveys have been utilised to assess the potential risk of any peat landslide. 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 Guidance in assessing the likelihood and consequence of such an event.

2 SITE INFORMATION

2.1 Site Description and Topography

2.1.1 The Site is located approximately 18 kilometres (km) west of Thurso and 2 km southeast of Melvich in Sutherland, Highland Council. The Site extents and location are shown on Figure 13.1.1. The Site ranges from approximately 186 m Above Ordnance Datum (AOD) in the east of the Site at Beinn Ruadh, generally sloping westward to 30 m AOD along the A897. The Site predominately comprises of open moorland used for rough grazing; there is a small area of improved pasture in the north west and pockets of commercial forestry.

2.2 Published Geology

2.2.1 Superficial Soils

Published British Geological Survey (BGS) mapping[1] of superficial soils indicates the majority of the site to be underlain by superficial soils, predominantly Hummocky (Moundy) Glacial Deposits (HGMD) composed of rock debris, clayey till and poorly to well-stratified sand and gravel. Smaller areas of Peat are also found in the more topographically flat areas of site. Figure 13.1.2 illustrates the published Superficial Soils.

2.2.2 Solid Geology

Published bedrock geology mapping indicates the site to be underlain almost entirely by Portskerra Psammite Formation. No faulting exists on site.

Figure 13.1.3 illustrates the published Solid Geology

2.2.3 Geomorphology

Geomorphological mapping can act as a primary instrument in highlighting geological risk factors when considering peat slides. The Scottish Government Guidance provides 5 basic features in which a geomorphological map should convey:

- The position of major slope breaks (e.g. convexities and concavities);
- The position and alignment of major natural drainage features (e.g. peat gullies and streams);
- The location and extent of erosion complexes (e.g. haggs and groughs, large areas of bare peat);
- Outlines of past peat landslides (including source areas and deposits), if visible; and
- The location, extent and orientation of cracks, fissures, ridges and other prefailure indicators.

Figure 13.1.4 'Geomorphological Map' has been prepared to inform a baseline information of the Site with consideration given to existing site conditions through site visit and aerial photography, slope angle and geomorphological data.

The Sites hydrology is dominated by the River 'Allt Domhain' in the west and the Lake 'Loch Fir Raoilt' in the east. Various tributaries and run-off's run in between these two bodies of water and beyond the Loch in the north.

Across the Site as a whole, there is little evidence of past peat failure. There is evidence of widespread peat hagging within the far western site area along with localised historical peat workings in the central site area, close to T2, and in the far north of the site.

The developable Site area has extremely varied and extensive slopes. The majority of the developable Sire area (central and southern Site area) is dominated by 4^{o} – 8^{o} slopes with

[1] British Geological Survey (BGS) 2019: http://mapapps2.bgs.ac.uk/geoindex/home.html

crests of 8º – 30º throughout. Infrastructure on or in proximity to these slopes has been carefully designed with respect to peat and topography.

2.2.4 Hydrology and Hydrogeology

The Akran Burn issues from Caol Loch which is located to the south west of site and Akran Loch located 1.4 km south of the Site. The Akran Burn flows through the south western section of the Site before flowing into the Halladale River 0.5 km west of the Site.

The Giligill Burn rises in the south east of the Site before flowing northwest and converging with the unnamed watercourse at the Site's western boundary before flowing into the Halladale River 1.4 km west of the Site.

An unnamed watercourse rises within the centre of the Site before flowing north west and flowing into the Giligill Burn.

The Halladale River has a SEPA overall status of "Moderate". The Halladale River flows into the North Sea, approximately 1.7 km north west of the Site.

The SEPA Aquifer classification Map of Scotland[2] Site confirms the groundwater units underlying the Core Study Area are identified by Scotland's Environment mapping service as the Northern Highland groundwater body which has an overall SEPA classification of 'Good'.

BGS 1:50,000 digital mapping and the BGS GeoIndex shows the bedrock aquifer underlying the majority of the Core Study Area to consist of psammites (metamorphosed sedimentary rocks) of the Portskerra Formation of the Moine Supergroup. These rocks are classified by the BGS as a 'low productivity aquifer' with small amounts of groundwater in the near-surface weathered zone and secondary fractures.

2.3 Sources of Information

The following sources of information were used as part of the desk study investigations:

- British Geological Survey - Online GeoIndex;
- Ordnance Survey (OS) topographical information;
- Aerial and Satellite photography via Ordnance Survey and Google Earth.
- Soil Survey of Scotland - 'MacAulay Institute for Soil Research' 1984;
- Soil Survey of Scotland - 'Scottish Peat Surveys' 1964;
- Scottish Government (SG) - 'Peat Landslide Hazard and Risk Assessments' December 2017;
- Scottish Government, Scottish Natural Heritage, SEPA (2017) Peatland Survey, Guidance on Developments on Peatland;
- The Scottish Government - Scotland's Third National Planning Framework, 2014;
- The Scottish Government - Scottish Planning Policy, 2014;
- Assessments by other EIA specialists (specifically hydrology and ecology for data on sensitive receptors);
- Scotland's Environment Interactive Map

[2] SEPA Aquifer Classification Map of Scotland (2019): https://map.environment.gov.scot/sewebmap/ (Accessed 04/11/2019)

3 GUIDANCE AND METHODOLOGY

3.1 General Guidance on Peat Failure

The SG guidance divides peat instability into two categories[3], '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 and reports of bog bursts are generally restricted to the Republic and Northern Ireland.

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 blasting or mechanical movement.

Consideration of peat stability should form 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 mitigation measures should be designed to avoid potential instability and movement.

3.2 Assessment Approach

This PSRA has been carried out in accordance Scottish Government (SG) guidance of 2017 titled 'Peat Landslide Hazard and Risk Assessments - Best Practice Guide for Proposed Electricity Generation Developments', Scottish Government.

[3] Peat Landslide Hazard and Risk Assessments: Best Practice Guide for Proposed Electricity Generation Developments (2017): file://arcus01/Technical%20Information/Engineering/Geotechnical%20and%20Environmental%20Reference%20Documents/Peat/ScotGov-PeatLandslideHazardandRisk-2017.pdf (Accessed 13/01/2020)

In June 2014, the new 'Scottish Planning Policy' (SPP)[4] and 'National Planning Framework (NPF3)[5] were published. In relation to peat and the assessment of effects on resource, NPF3 references Scottish Natural Heritage 'Scotland's National Peatland Plan'. These policy, framework and guidance documents are therefore also considered in this PSRA. The PSRA undertaken is based on;

- Desk based assessment;
- Site visits;
- Historic peat probing data;
- Further peat probing including infrastructure specific 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 initial findings from desk studies and anticipated peat deposits as well as other physical and environmental constraints.

3.3 Peat Probing Methodology

Initial peat probing (phase one) was undertaken by Arcus as part of the preliminary EIA works which combined preliminary probing and detailed peat probing within the boundaries of a Site layout iteration. The probing covered an initial design iteration at 100 m centres within the proposed Site boundary where forestation allowed. Following on from this, infrastructure was probed at a more detailed methodology (phase two). Proposed access tracks were probed at 50 m intervals and at 25 m either side to create a corridor. Localised 10 m centres at turbines out to 50 m radius were also sunk in accordance with SG guidance.

Following design iteration revisions, further peat probing was required in order to cover areas not previously probed following the same methodology as the Phase 2 probing.

3.3.1 Development of Hazard Rank

The early stages of the PSRA includes a desk study of existing data and considers whether Site visits 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 was carried out to determine 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; and
- Temporary Storage of Peat

An assessment of the peat probing data and a review of any available Site information would be undertaken and a hazard rank calculated zonally across the Site reflecting risk of peat instability/constraint to construction.

Where practical, the Development layout would be designed to avoid areas of a risk score above 'low'. Where this has not been achieved, areas effected have been 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.

[4] Scottish Government Scottish Planning Policy (2014): https://www.gov.scot/publications/scottish-planning-policy/ (Accessed 13/11/2019)

[5] Scottish Government National Planning Framework 3: https://www2.gov.scot/About/Performance/scotPerforms (Accessed 13/11/2019)

4 SITE SURVEYS

4.1 Introduction

The existing peat depths across the Site have been determined through a phased survey approach. The survey was initiated to inform the EIA and Site design work while supporting the PSRA.

Initial peat depth surveys were undertaken in March 2019 comprising 100 m grid coverage across the Site, where accessible. This methodology was applied to the additional Phase 1 survey following a boundary extension South into Golval land which was carried out in October 2019. This rationale of probing is in accordance with the phase one approach as detailed in the Scottish Government guidance for investigating peat.

Further peat depth surveys (phase two) were undertaken across several visits between December 2019 and July 2020. The probe positions for this visit were focussed on the proposed turbine, access tracks and other key infrastructure. Peat depths were measured along the proposed access tracks at 50 m centres with offsets of 25 m on either side of the centre line, an intense 10 m grid across the proposed turbine locations.

4.2 Peat Depth

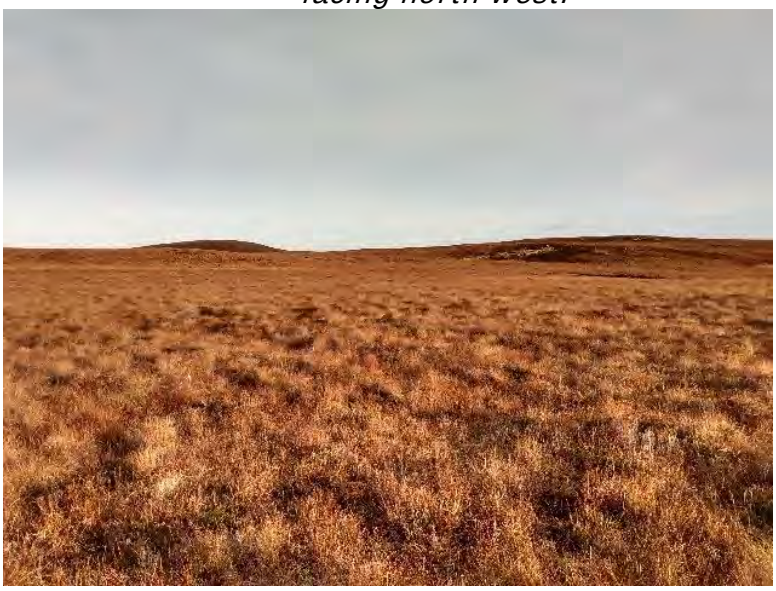
Throughout the peat surveys to date, a total of 2656 probes were sunk. 51% of these recorded no peat or peat less than 0.5 m, while 26% recorded peat between 0.5 m and 1.0 m. Thick peat (where the depth was greater than >1.0 m) was recorded at 23% of locations.

Peat depths ranged from 0 m to 5.3 m thickness across the study area and were shown as localised or isolated zones within the central area of the Site.

Figure 13.1.6 'Interpolated Peat Depths' included in Appendix 1 illustrates the peat depths across the site area. The distribution of peat deposits along the proposed tracks and infrastructure are shown on Figure 13.1.5 'Recorded Peat Depths' is included in Appendix A.

Peat depths at turbines and the wider site area are included in Table 1 and 2 respectively while the general Site survey conditions are illustrated in photographs 1 to 6. Additional photographs are included in Appendix 2

Photograph 1 – Taken in the eastern Site area in close proximity to T5, facing north west.



Photograph 2 – Taken in the central Site area in close proximity to T4, facing north west.

Photograph 3 – Taken in the northern Site area in close proximity to T11, facing north west

Photograph 4 – Taken in the southern Site area in close proximity to T6, facing north west

Photograph 5 – Taken in the western Site area in close proximity to T2, facing north west

The peat slide risk assessment was undertaken on the finalised Site layout provided by the design team. Table 1 indicates the average peat depths encountered at each proposed turbine location in the surrounding 100 m while Table 2 summarises the peat depths recorded across the Site.

Table 1 – Peat Depths at Turbines and Associated Hardstand

Proposed Turbine No.	Average Peat Depths at 50 m Radius (m)
T1	0.44
T2	0.99
T3	0.43
T4	0.49
T5	0.61
T6	0.42
T7	0.62
T8	0.94
T9	0.45
T10	0.71
T11	0.4
T12	0.52

Table 2 – Peat Depth Summary

Peat Depth Range (m)	No of peat probes	Percentage of Total (%)
0.00 - 0.50	1350	50.80
0.51 - 1.00	699	26.18
1.01 - 1.50	298	11.16
1.51 - 2.00	146	5.47
2.01 - 2.50	93	3.48
2.51 - 3.00	33	1.24
3.01 - 3.50	18	<1.0
3.51 - 4.00	7	<1.0
4.01 - 4.50	6	<1.0
4.51 - 5.00	4	<1.0
5.01 - 5.50	2	<1.0

4.3 Substrate

To assist with the peat slide risk assessment, an estimation of the underlying substrate was obtained during the visit, comprising a resistance-based approach at base of probe.

- Gradual refusal – Clay;
- Crunching/Gritty – Weathered Rock/Sand and Gravel; or
- Abrupt Refusal/Hard – Rock

The substrate parameters are included in the Hazard and Exposure Assessment in Section 5 of this report.

HAZARD AND EXPOSURE ASSESSMENT

4.4 Background

A 'Hazard Ranking' system has been applied across the Site based on the analysis of risk of peat landslide 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.

4.5 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 Development PSRA assessment is outlined in the following sub sections.

4.6 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 Development, the substrate material is also considered a relevant factor in relation to slide.

4.7 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 3: 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 4: Coefficients for Peat Thickness and Ground Conditions

Peat Thickness	Ground Conditions Coefficients
Peaty or organic soil (<0.5m)	1
Thin Peat (0.5 – 1.0m)	2
Deep Peat (>1.0m)	3*
Deep Peat (>3.0)	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 5: Coefficients for Substrate

Substrate Material	Substrate Coefficients
Sand/gravel	1
Rock	1.5
Clay	2
Not proven	2
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 6.

Table 6: 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

4.8 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 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, *γw* 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 sought from various literature values and for the purposes of the assessment in this report have the following average values have been utilised in the formula to inform the stability assessment;

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.

Ɣ – 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 a similar and more onerous approach, high risk areas are indicated where F is <1.0, medium risk areas are indicated between 1.01 to 1.50, low risk between 1.51 and 2.00 and very low/negligible values > 2.0.

Using digital terrain modelling and GPS co-ordinates of each peat probe, a factor of Safety, F has been calculated for each probe location which has been created through ArcGIS Spatial Analyst tools. The 'Factor of Safety Plan' is shown on Figure 13.1.8.

4.9 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 existing windfarm infrastructure, watercourses and associated tributaries.

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.

4.10 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 Receptor Type

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 = Receptor x Distance x Elevation

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

Table 9: Exposure Rating

Exposure Rating Co-efficient	Potential Stability Risk (Pre-Mitigation)
<6	Very Low
7 to12	Low
13 to 24	High
25 to 30	Very High
>30	Extremely High

4.11 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.

Table 10: Rating Normalisation

Hazard Rating		Exposure Rating	
Current Scale	Normalised Scale	Current Scale	Normalised Scale
< 6 Negligible	1	<5 Very Low	1
7 to 12 Low	2	5 to 15 Low	2
13 to 24 Medium	3	16 to 30 High	3
25 to 30 High	4	31 to 50 Very High	4
>30 Very high	5	>50 Extremely High	5

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

5 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 11 and 12 below:

Table 11 - 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 12- 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 seventeen hazard zones using the approach in Section 5. A summary of the Hazard Ranking result for each identified area is summarised in Table 13 and is presented in Figure 13.1.9 'Hazard Ranking Zonation Plan'.

6 SLIDE RISK AND MITIGATION

6.1 General

This PSRA has shown the Site to be generally of negligible or low hazard ranking. There were isolated areas recorded as medium risk which were not within areas proposed for infrastructure. However, these point locations lay within a generally wider zoned area of low risk.

Where the hazard ranking has been lowered through mitigation measures, the original ranking will remain in the overall hazard zoning plan and It should be acknowledged that the hazard zonation plan is based on the pre-mitigation status

While the specific recommended mitigation in low ranked areas are proposed other mitigation is embedded in the design at EIA stage, it is also 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 13 – Hazard Rank

Hazard Area and Infrastructure		Unmitigated Hazard		Mitigated Hazard	
Hazard Area	Infrastructure Affected	Ranking	Key Aspects	Specific Actions	Ranking
H1	Existing Track, Proposed Track, Construction Compound, Substation, T9	Negligible	Location and topography: South east of Ackron Farm Generally flat with some gentle slopes. Geomorphology: Ackran Burn runs west to south east with Alluvium deposits on either side. Established plantation forestry to the eastern edge of Zone. Peat Depth: (min) 0.0m - (max) 3.0m. Average 0.36m Slope Gradient: 0° to 30° Exposure: Proposed infrastructure, minor watercourses, important habitat, residential properties	Micro-siting in to areas of thinner peat where required.	Negligible

H2	No infrastructure	Negligible	Location and topography: South east of Golval Farm – Generally flat. Geomorphology: unnamed watercourse running south east until dissipating in hagged peatland in the centre of the Zone. Peat Depth: (min) 0.0m - (max) 5.00m. Average: 0.83m Slope Gradient: 0° to 15° Exposure: minor watercourses		Negligible
H3	No infrastructure Proposed	Low	Location and topography: Extends from the northern section of Golval Hill and covers a large area southward, encompassing the entire southern Site boundary – multiple strong slopes and natural basins. Geomorphology: Ackran Burn dissipates into multiple unnamed watercourses, extending to the south east of the Site boundary, with Alluvium deposits on either side consistently. Extensive evidence of artificial drainage. Steep slope of Golval Hill's eastern edge running down the eastern side of the zone, slope dissipating further west. Peat Depth: (min) 0.1m - (max) 5.30m. Average: 0.76m Slope Gradient: 0° to 30+°	No infrastructure Proposed	Negligible

			Exposure: , minor watercourses		
H4	T4, T6 and T7, borrow pits	Low	Location and topography: Extends along the central area of Site Infrastructure – Sloping down towards the Ackran burn on the western edge of the Zone. Geomorphology: Ackran Burn runs along the western Zone area with associated Alluvium deposits. The Giligill Burn extends from the northern boundary and dissipates towards the central Site area. Evidence of historic artificial drainage. Established plantation forestry to the western Zone boundary. Peat Depth: (min) 0.1m (max) 5.0m. Average: 0.87mSlope Gradient: 0º to 30º +Exposure: Proposed turbine and associated infrastructure, minor watercourses	Micro-siting in to areas of thinner peat is recommended, where required. In areas where peat depths exceed 1m, it is recommended that floating track construction methods should be adopted. Adoption of best practice methods to manage drainage in borrow pit workings and other excavations works.	Negligible
H5	Proposed track, Meteorological Mast	Negligible	Location and topography: Northern side of Ackran Burn, immediately west of T4 – extremely flat Geomorphology: Alluvial Deposits to the south west from Ackran Burn. Possible peat workings on the north western edge of the Zone. Artificial Drainage running from the potential area of peat workings eastward. Peat Depth: (min) 0.2m - (max) 0.9m. Average: 0.52m Slope Gradient: 0° to 5°	Micro-siting in to areas of thinner peat is recommended, if required. Adoption of best practice methods to manage drainage in excavations works.	Negligible

			Exposure: Proposed Meteorological Mast and associated infrastructure, proposed track Location and topography: immediately west of Cnoc nam Fiadh – sloping north Hydrology: North of river Hogaraid and lies within the associated tributaries Peat Depth: (min) 0.50m - (max) m. Generally, <1.0m Slope Gradient: 0° to 15° Exposure: None		
H6	Proposed track, T3 & T5	Negligible	Location and topography: Directly west of Caol Loch – Strongly Sloping westward in the central Zone area, flattening out in area of proposed infrastructure . Geomorphology: Immediately west of Caol Loch, with some evidence of artificial drainage running through the central Site area Peat Depth: (min) 0.1 m - (max) 4.10m. Average: 0.67 m Slope Gradient: 0° to 30°+ Exposure: Proposed turbine and associated infrastructure, minor watercourse, important habitat.	Micro-siting in to areas of thinner peat is recommended, if required. In areas where peat depths exceed 1m, it is recommended that floating track construction methods should be adopted. Adoption of best practice methods to manage drainage in excavations works.	Negligible

H7	Proposed tracks, T10, T11 and T12	Negligible	Location and topography: North of Caol Loch – gently sloping south east Geomorphology: Some evidence of artificial drainage in the northern Zone area Peat Depth: (min) 0.1m - (max) 3.5m. Average: 0.85m Slope Gradient: 0° to 10° Exposure: Proposed turbine and associated infrastructure	Micro-siting in to areas of thinner peat is recommended, if required. Adoption of best practice methods to manage drainage in excavations works.	Negligible
H8	Proposed track and T1	Low	Location and topography: North west of Caol Loch – Generally flat ground Geomorphology: Some evidence of Artificial Drainage north west zonal area. Peat Depth: (min) 0.1m - (max) 2.5m. Average:0.52m Slope Gradient: 0° to 15° Exposure: Proposed turbine, associated infrastructure and existing tracks	Micro-siting in to areas of thinner peat is recommended, if required. In areas where peat depths exceed 1m, it is recommended that floating track construction methods should be adopted. Adoption of best practice methods to manage drainage in excavations works.	Negligible

H9	N/A	Low	Location and topography: North eastern edge of the Site – sloping south west Geomorphology: The Giligill burn spans from the north west to the south eastern edges of H9, some tributaries extend towards the northern Site boundary. There is evidence of artificial drainage running to the northern Site boundary. Peat Depth: (min) 0.1m - (max) 4.1m. Average: 1.09m Slope Gradient: 0° to 30+° Exposure: Minor Watercourse,N/A	No Infrastructure proposed	Negligible
H10	Proposed track, T8	Low	Location and topography: North western Site boundary – complex topography, sloping downwards both east and west of a central peak Geomorphology: The Giligill Burn runs east to west. Extensive evidence of historic peat workings. Peat Depth: (min) 0.1m - (max) 3.80m. Average: 0.76m Slope Gradient: 0° to 30+° Exposure: Proposed infrastructure, minor watercourse, important habitat	If required, micro-siting onto thinner peat is recommended, if required I n areas where peat depths exceed 1m, it is recommended that floating track construction methods should be adopted Adoption of best practice methods to manage drainage in excavations works.	Negligible

H11	No Infrastructure	Low	Location and topography: In the vicinity of Sithean Mor, south of Pentland Road – sloping south east Geomorphology: Potential area of historic peat workings towards the west of the Zone. Peat Depth: (min) 0.5m - (max) 4.10m. Average: 1.60m Slope Gradient: 0° to 15° Exposure: N/A	No Infrastructure proposed	Negligible

6.2 Embedded Mitigation

Embedded mitigation includes measures taken during design of the 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.

6.3 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 Development:

- Ground investigations 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 PSRA CONCLUSIONS

This PSRA has been undertaken for the proposed Ackron Windfarm in accordance with the SEG. The early stages of the assessment included a desk study, historic peat probing across the Site, followed by further intensive probing exercise on the finalised Site layout design. The information gathered during this investigation was used to develop a Hazard Ranking across the Development Site.

The findings of the probing indicate that the majority of the Site is underlain by shallow peat. Based on the peat depths recorded and resulting assessment and analysis, the PSRA has indicated that the majority of the Site is generally of 'low' hazard rank with localised Negligible areas, mainly in areas where no infrastructure is proposed.

Notwithstanding this, infrastructure locations and existing site conditions should be checked on Site at the time of construction and micro-siting adopted if required in order to maintain the design objective of avoiding any potential peat slide risk.

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APPENDIX A – FIGURES

Statkraft

ARCUS

- Site Boundary
- Proposed Turbine Location

Proposed Site Infrastructure

- Access Track
- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Crane Pads
- Laydown Area
- Substation
- Proposed Meteorological Mast

1:13,000 Scale @ A3

0 250 500 M

NORTH

Produced By: BM	Ref: 3138-REP-111
Checked By: SC	Date: 06/08/2020

Site Layout Plan
Figure 13.1.1

Ackron Wind Farm
PSRA

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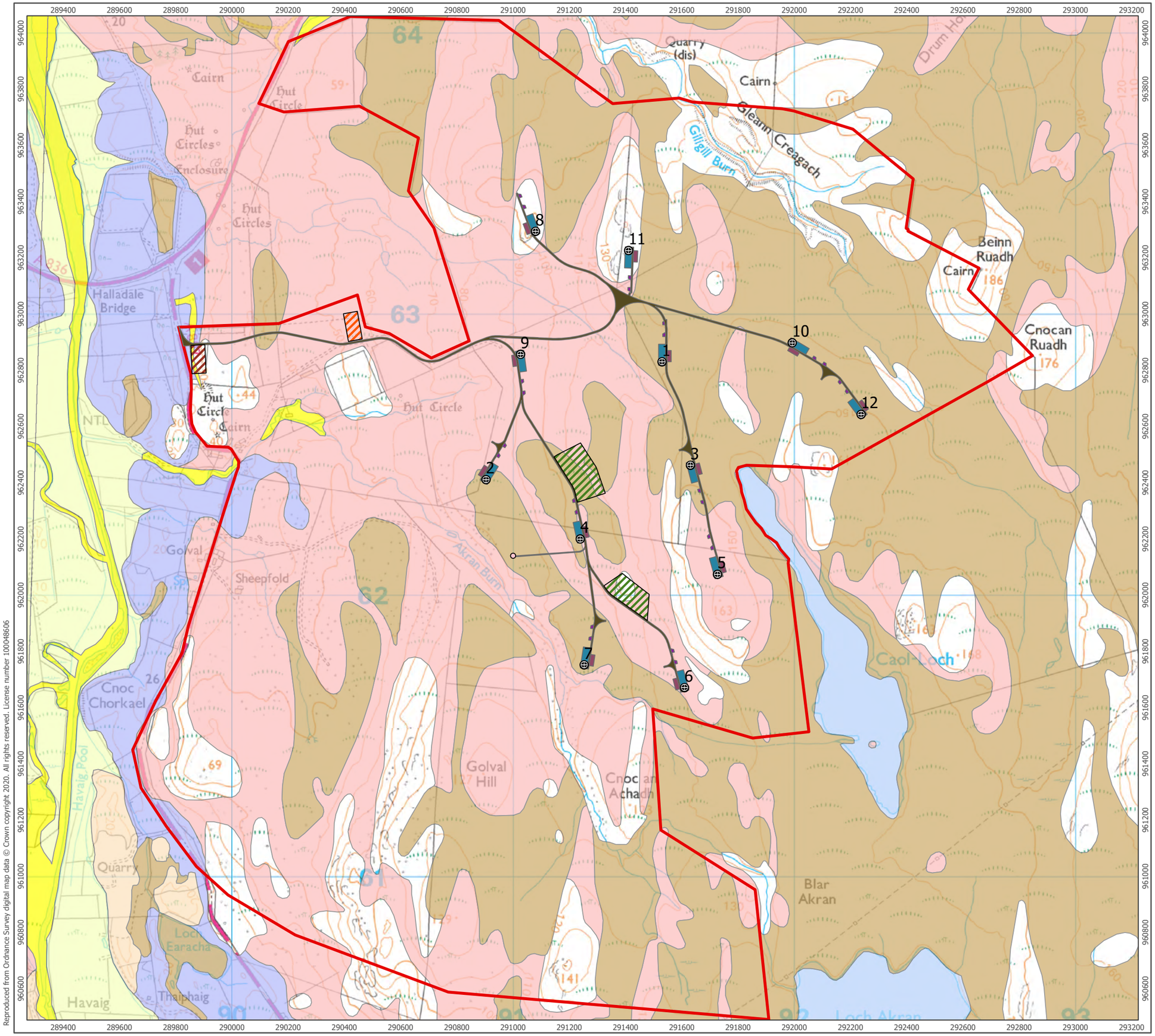
P:\Projects\Engineering\Projects\3138 Ackron\3138 Ackron.aprx\3138-REP-111 Fig13.1.1 Site Layout Plan



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P:\Projects\Engineering\Projects\3138 Ackron\3138 Ackron.aprx\3138-REP-112 Fig13.1.2 Superficial Geology

Statkraft

ARCUS

- Site Boundary
- Proposed Turbine Location

Proposed Site Infrastructure

- Access Track
- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Crane Pads
- Laydown Area
- Substation
- Proposed Meteorological Mast

Superficial Geology

- Alluvial Fan Deposits
- Alluvium
- Glaciofluvial Deposits
- Glaciofluvial Ice Contact Deposits
- Glaciofluvial Sheet Deposits
- Hummocky (Moundy) Glacial Deposits
- Peat
- River Terrace Deposits (Undifferentiated)
- Superficial Theme Not Mapped
- Thormaid Till Member

1:13,000 Scale @ A3

0 250 500 Meters

NORTH

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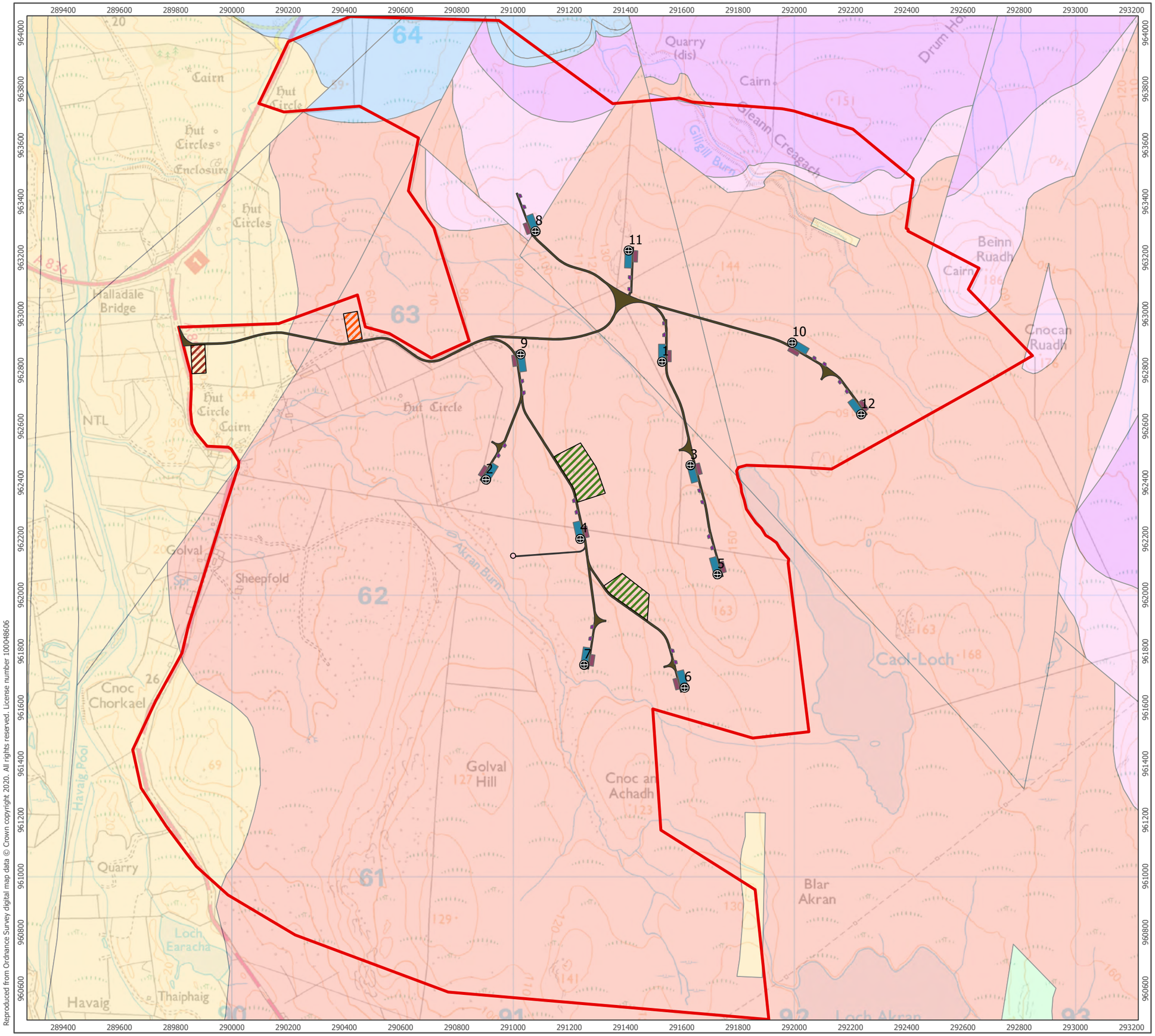
Checked By: SC	Date: 06/08/2020

Superficial Geology
Figure 13.1.2

Ackron Wind Farm
PSRA



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P:\Projects\Engineering\Projects\3138 Ackron\3138 Ackron.aprx\3138-REP-113 Fig13.1.3 Bedrock Geology

Statkraft

ARCUS

- Site Boundary
- Proposed Turbine Location

Proposed Site Infrastructure

- Access Track
- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Crane Pads
- Laydown Area
- Substation
- Proposed Meteorological Mast

Bedrock Geology

- Badanloch Granite Sheets
- Luchair Sandstone Member
- Portskerra Psammite Formation
- Rubha Sandstone Member
- Strath Halladale Granite
- Tobaireach Conglomerate Member

1:13,000 Scale @ A3

0 250 500 M

NORTH

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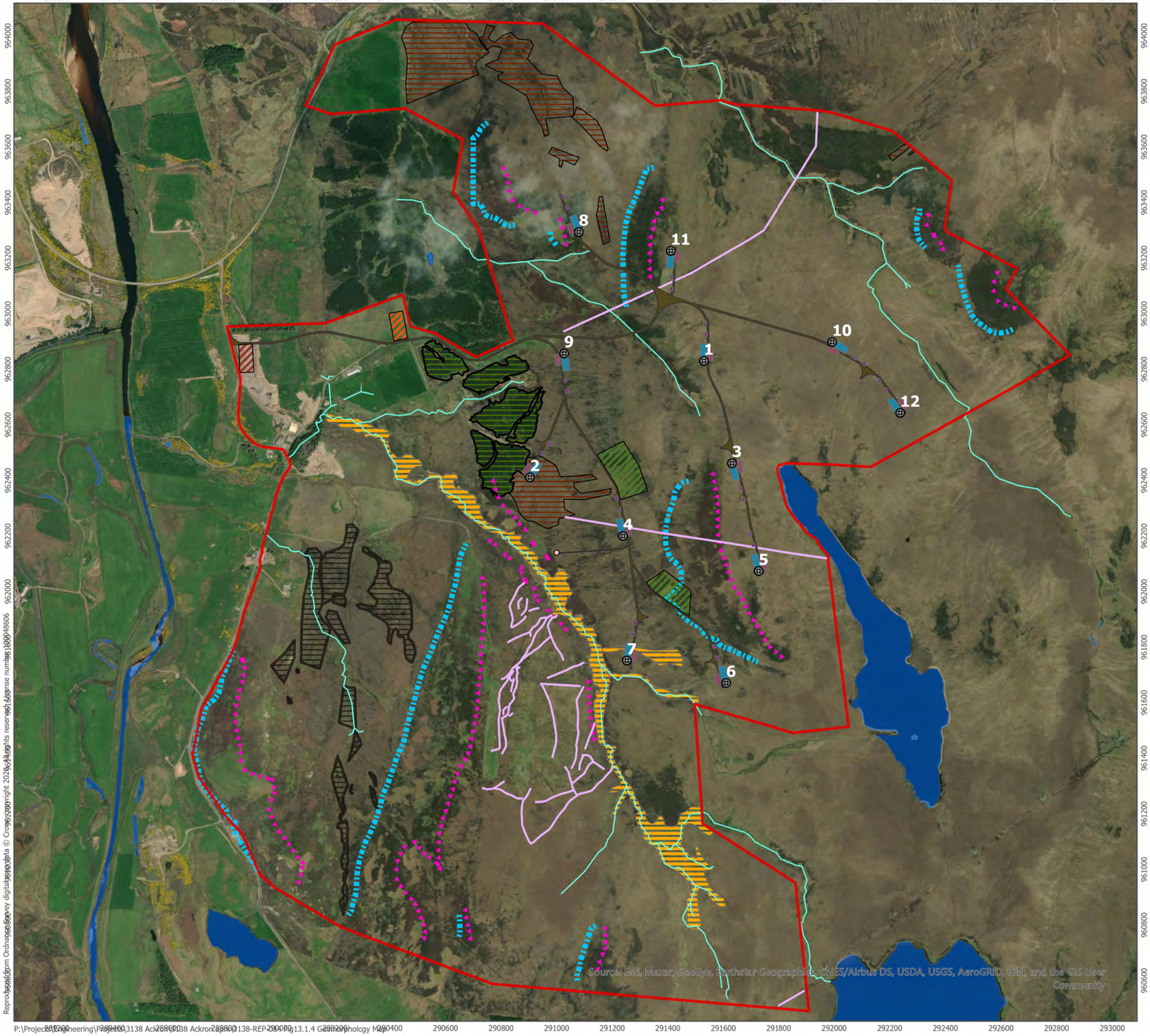
Checked By: SC	Date: 06/08/2020

Bedrock Geology
Figure 13.1.3

Ackron Wind Farm
PSRA



Statkraft

ARCUS

- Site Boundary
- Proposed Turbine Location
- Top of Slope
- Natural Watercourses
- Haggy Peatland
- Surface Water
- Bottom of Slope
- Alluvial Deposits
- Forestry
- Area of Historic Artificial Drainage and or Peat Workings
- Potential Fabricated Drainage

Proposed Site Infrastructure

- Access Track
- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Crane Pads
- Laydown Area
- Substation

1:13,000 Scale @ A3

0 240 480 M

NORTH

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Geomorphological Map
Figure 13.1.4

Ackron Wind Farm
PSRA

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Statkraft

ARCUS

- Site Boundary
- Proposed Turbine Location

Proposed Site Infrastructure

- Access Track
- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Crane Pads
- Laydown Area
- Substation
- Proposed Meteorological Mast

Recorded Peat Depths (m)

- 0.00 - 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
- 4.51 - 5.00
- 5.01 - 5.50

1:12,986 Scale @ A3

0 250 500 M

NORTH

Produced By: BM	Ref: 3138-REP-115
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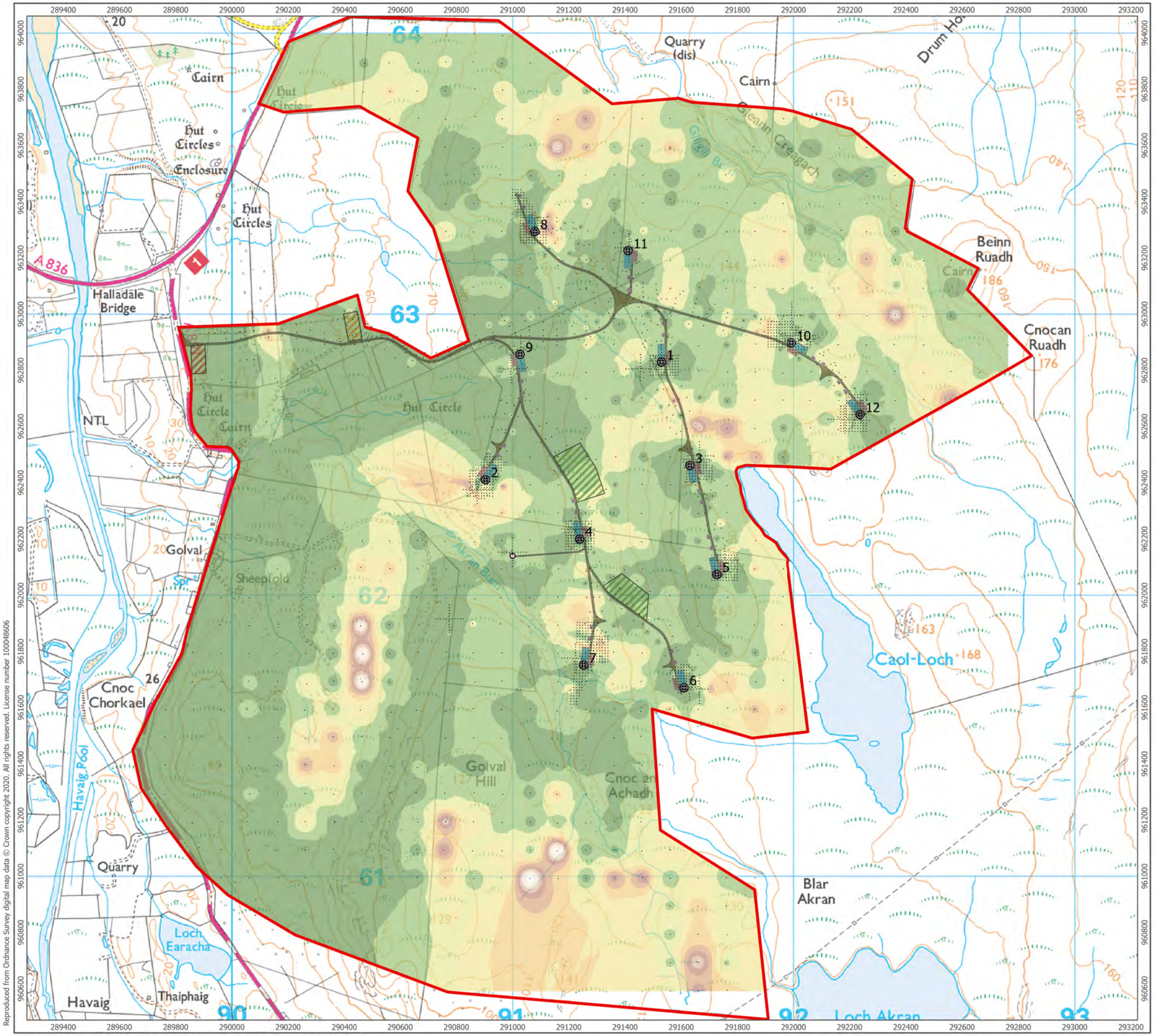
Recorded Peat Depths
Figure 13.1.5

Ackron Wind Farm
PSRA

P:\Projects\Engineering\Projects\3138 Ackron\3138 Ackron.aprx\3138-REP-115 Fig13.1.5 Recorded Peat Depths



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P:\Projects\Engineering\Projects\3138 Ackron\3138 Ackron.aprx\3138-REP-116 Fig13.1.6 Interpolated Peat Depths

Statkraft

ARCUS

- Site Boundary
- Peat Probe Locations
- Proposed Turbine Location

Proposed Site Infrastructure

- Access Track
- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Crane Pads
- Laydown Area
- Substation
- Proposed Meteorological Mast

Interpolated Peat Depths (m)

- 0.00 - 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
- 4.50 - 5.00
- 5.01 - 5.50

1:13,000 Scale @ A3

0 250 500

NORTH

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Checked By: SC	Date: 07/08/2020

Peat Depth Interpolation
Figure 13.1.6

Ackron Wind Farm
PSRA

Statkraft

ARCUS

- Site Boundary

Proposed Site Infrastructure

- Access Track
- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Crane Pads
- Laydown Area
- Substation
- Proposed Meteorological Mast

Slope Angle (Deg)

- 0 - 5
- 5 - 10
- 10 - 15
- 15 - 30
- >30

1:13,000 Scale @ A3

0 250 500 M

NORTH

Produced By: BM	Ref: 3138-REP-117
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Slope Gradient
Figure 13.1.7

Ackron Wind Farm
PSRA

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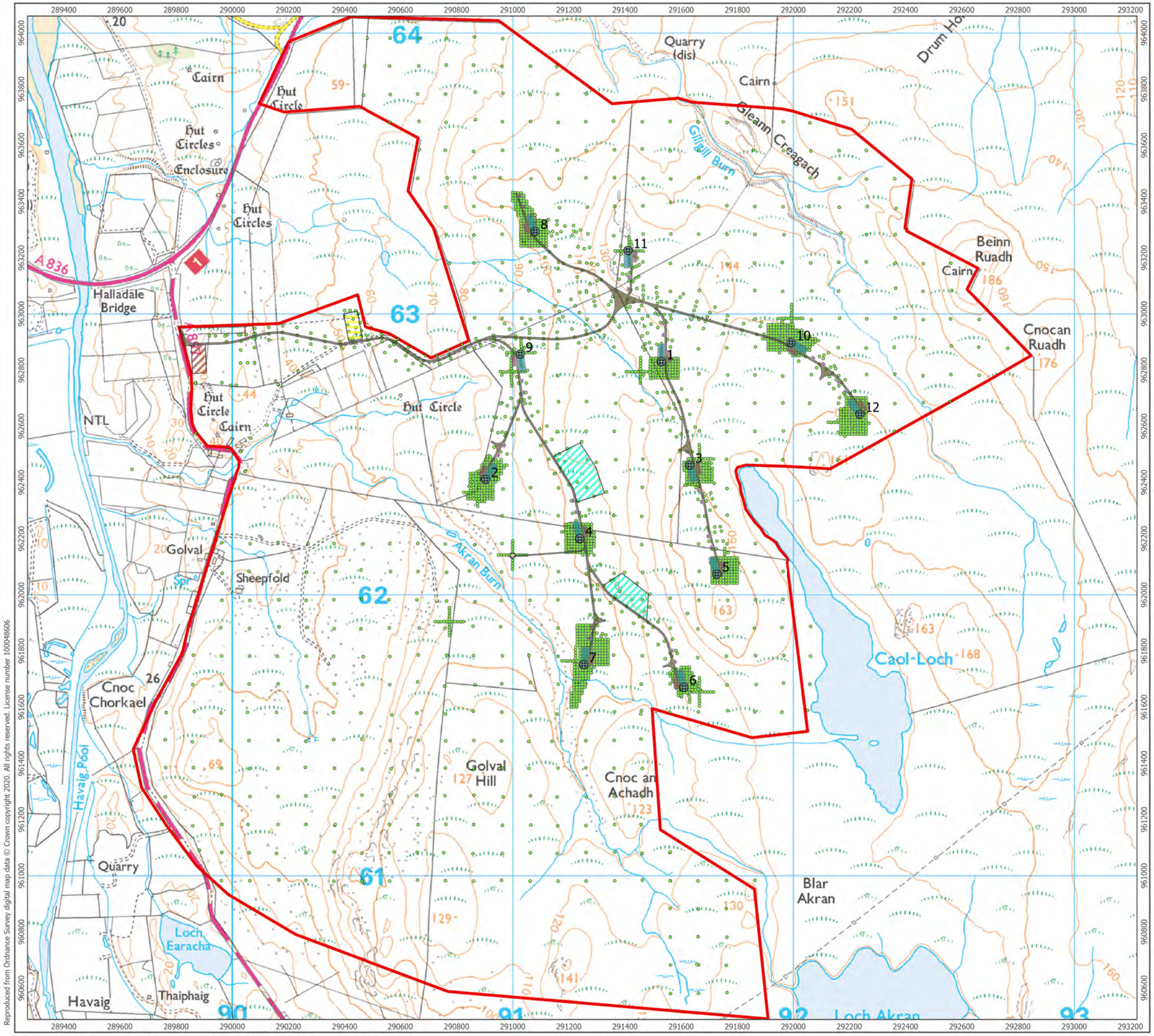
P:\Projects\Engineering\Projects\3138 Ackron\3138 Ackron.aprx\3138-REP-017 Fig13.1.7 Slope Gradient



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P:\Projects\Engineering\Projects\3138 Ackron\3138 Ackron.aprx\3138-REP-118 Fig13.1.8 Factor of Safety Plan

Statkraft

ARCUS

- Site Boundary
- Proposed Turbine Location

Proposed Site Infrastructure

- Access Track
- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Crane Pads
- Laydown Area
- Substation
- Proposed Meteorological Mast

Factor of Safety

- High Risk
- Moderate Risk
- Low risk

1:13,000 Scale @ A3

0 250 500 M

NORTH

Produced By: BM	Ref: 3138-REP-118
Checked By: SC	Date: 07/08/2020

Factor of Safety Plan
Figure 13.1.8

Ackron Wind Farm
PSRA

Statkraft

ARCUS

- Site Boundary
- Proposed Turbine Location

Proposed Site Infrastructure

- Access Track
- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Crane Pads
- Laydown Area
- Substation
- Proposed Meteorological Mast

Hazard Zonation Rank

- Low
- Negligible

1:13,000 Scale @ A3

0 250 500 M

NORTH

Produced By: BM	Ref: 3138-REP-119
Checked By: SC	Date: 10/08/2020

Hazard Rank Zonation Plan
Figure 13.1.9

Ackron Wind Farm
PSRA

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APPENDIX B - HAZARD RANK ASSESSMENT RECORDS

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3138 - Ackron Wind Farm - PSRA - Tabulated Peat Probe Data

ID	X	Y	SLOPE	Slope Co-efficient	PEAT DEPTH	Peat Co-efficient	Gen Substrate	Substrate Co-eff.	Risk Rating Coefficient	Risk Rating Normalisation	Receptor	Receptor Co-eff.	Distance	Receptor Dist Co-eff.	Z Difference (remove +/-)	Receptor elevation Co-eff	Impact Rating	Impact Rating Normalisation	Hazard Ranking
1	292763.7	962878	5.7	4	0.6	2	R	1.5	12	2	Important Habitat	8	45.58	3	1.12	1	24	3	6
2	292662.2	962782	4.7	4	0.9	2	G	1	8	2	Important Habitat	8	136.48	3	-11.37	1	24	3	6
3	292660.7	962882	6.9	4	0.7	2	G	1	8	2	Important Habitat	8	37.66	3	-4.05	1	24	3	6
4	292662.5	962980	13.2	6	0.8	2	C	2	24	3	Important Habitat	8	34.56	3	5.57	1	24	3	9
5	292561.6	963181	14.4	6	0.6	2	G	1	12	2	Important Habitat	8	43.21	3	11.24	2	24	3	6
6	292564.5	963084	18.4	8	0.2	1	C	2	16	3	Important Habitat	8	108.79	3	19.35	2	24	3	9
7	292560.4	962982	13.0	6	0.4	1	R	1.5	9	2	Important Habitat	8	118.41	3	-5.11	1	24	3	6
8	292563.2	962886	7.5	4	1	2	R	1.5	12	2	Important Habitat	8	97.11	3	5.88	1	24	3	6
9	292561.6	962784	2.8	2	1	2	G	1	4	1	Important Habitat	8	52.59	3	1.19	1	24	3	3
10	292559.8	962688	1.9	1	3.5	8	G	1	8	2	Minor Watercourse	6	78.62	3	3.85	1	18	3	6
11	292463.8	962684	4.9	4	2	3	G	1	12	2	Minor Watercourse	6	7.05	4	0.59	1	24	3	6
12	292462.8	962780	0.4	1	2	3	R	1.5	4.5	1	Important Habitat	8	3.01	4	-0.02	1	32	5	5
13	292464.5	962879	2.9	2	1	2	G	1	4	1	Important Habitat	8	21.15	3	0.49	1	24	3	3
14	292463.1	962979	4.2	4	1.2	3	G	1	12	2	Important Habitat	8	84.46	3	4.85	1	24	3	6
15	292462.5	963080	5.7	4	1	2	G	1	8	2	Important Habitat	8	63.18	3	-3.36	1	24	3	6
16	292463.5	963178	8.7	6	1	2	R	1.5	18	3	Important Habitat	8	1.73	4	-0.18	1	32	5	15
17	292260.5	963185	3.5	2	3	3	G	1	6	2	Minor Watercourse	6	51.14	3	2.49	1	18	3	6
18	292363.7	963283	9.0	6	0.4	1	G	1	6	2	Important Habitat	8	120.29	3	-5.48	1	24	3	6
19	292366.6	963376	6.2	4	0.6	2	R	1.5	12	2	Minor Watercourse	6	155.97	3	12.10	2	18	3	6
20	292361.9	963482	6.9	4	1.2	3	G	1	12	2	Minor Watercourse	6	62.47	3	5.17	1	18	3	6
21	292261.1	963582	0.7	1	1.5	3	G	1	3	1	Important Habitat	8	1.78	4	-0.02	1	32	5	5
22	292261.3	963480	5.2	4	0.1	1	R	1.5	6	2	Minor Watercourse	6	24.15	3	4.40	1	18	3	6
23	292263.9	963383	5.8	4	0.7	2	G	1	8	2	Minor Watercourse	6	98.60	3	3.80	1	18	3	6
24	292261.6	963282	3.5	2	2	3	G	1	6	2	Minor Watercourse	6	88.51	3	10.97	2	18	3	6
25	292170.3	963288	25.1	8	0.8	2	R	1.5	24	3	Minor Watercourse	6	17.71	3	4.76	1	18	3	9
26	292164.1	963380	3.0	2	0.5	1	R	1.5	3	1	Minor Watercourse	6	71.81	3	3.42	1	18	3	3
27	292165.3	963483	8.2	6	0.4	1	G	1	6	2	Minor Watercourse	6	29.76	3	5.15	1	18	3	6
28	292163.9	963581	6.8	4	0.6	2	G	1	8	2	Important Habitat	8	36.43	3	-1.28	1	24	3	6
29	292060.1	963680	6.0	4	1.2	3	G	1	12	2	Important Habitat	8	38.91	3	4.06	1	24	3	6
30	291963.3	963684	7.5	4	1.1	3	G	1	12	2	Important Habitat	8	2.04	4	-0.25	1	32	5	10
31	291861.8	963684	10.0	6	1.2	3	G	1	18	3	Important Habitat	8	1.94	4	0.36	1	32	5	15
32	291857.5	963584	8.5	6	0.6	2	G	1	12	2	Minor Watercourse	6	51.56	3	12.33	2	18	3	6
33	291964.3	963581	6.0	4	0.3	1	C	2	8	2	Important Habitat	8	87.05	3	-5.88	1	24	3	6
34	292063.3	963580	8.6	6	0.2	1	R	1.5	9	2	Important Habitat	8	91.21	3	-3.17	1	24	3	6
35	292061.9	963484	4.0	2	1.2	3	G	1	6	2	Minor Watercourse	6	39.64	3	5.28	1	18	3	6
36	292056.4	963382	5.8	4	0.7	2	G	1	8	2	Minor Watercourse	6	49.98	3	7.83	1	18	3	6
37	292057.1	963288	16.7	8	0.3	1	R	1.5	12	2	Important Habitat	8	21.92	3	-5.49	1	24	3	6
38	292363.4	963181	6.9	4	0.9	2	G	1	8	2	Important Habitat	8	86.86	3	-10.26	1	24	3	6
39	292365.0	963092	3.4	2	0.9	2	G	1	4	1	Minor Watercourse	6	90.05	3	4.07	1	18	3	3
40	292363.6	962986	1.7	1	4.1	8	G	1	8	2	Important Habitat	8	39.36	3	-0.79	1	24	3	6
41	292359.7	962881	3.6	2	1	2	G	1	4	1	Important Habitat	8	5.83	4	-0.33	1	32	5	5
42	292362.4	962786	2.5	2	1	2	C	2	8	2	Minor Watercourse	6	2.93	4	0.14	1	24	3	6
43	292362.2	962681	4.1	4	0.6	2	R	1.5	12	2	Minor Watercourse	6	64.71	3	9.69	1	18	3	6
44	292360.3	962582	8.7	6	0.6	2	G	1	12	2	Minor Watercourse	6	117.54	3	9.42	1	18	3	6
45	292260.9	962581	3.0	2	0.6	2	R	1.5	6	2	Wind Turbine	6	66.17	3	3.04	1	18	3	6
46	292261.8	962684	4.6	4	0.2	1	G	1	4	1	Wind Turbine	6	47.75	3	-2.67	1	18	3	3
47	292262.0	962785	3.9	2	0.6	2	R	1.5	6	2	Important Habitat	8	2.37	4	-0.12	1	32	5	10
48	292260.2	962879	5.6	4	0.5	1	G	1	4	1	Important Habitat	8	0.53	4	-0.03	1	32	5	5
49	292262.0	962983	1.0	1	1.5	3	R	1.5	4.5	1	Minor Watercourse	6	46.93	3	1.85	1	18	3	3
50	292263.3	963081	1.3	1	2.2	3	G	1	3	1	Minor Watercourse	6	11.99	3	0.23	1	18	3	3
51	292162.4	963184	2.8	2	0.5	1	G	1	2	1	Important Habitat	8	2.43	4	-0.08	1	32	5	5
52	292161.9	963082	1.8	1	2	3	R	1.5	4.5	1	Minor Watercourse	6	21.75	3	-0.23	1	18	3	3
53	292165.7	962985	4.0	4	2.3	3	R	1.5	18	3	Important Habitat	8	1.76	4	-0.13	1	32	5	15
54	292160.9	962880	3.6	2	1.3	3	R	1.5	9	2	Important Habitat	8	1.89	4	-0.12	1	32	5	10
55	292162.2	962780	2.9	2	1.5	3	G	1	6	2	Important Habitat	8	24.24	3	0.59	1	24	3	6
56	292162.1	962682	4.3	4	1.5	3	G	1	12	2	Important Habitat	8	78.28	3	3.40	1	24	3	6
57	292160.4	962579	3.0	2	1.3	3	G	1	6	2	Wind Turbine	6	100.89	3	3.17	1	18	3	6
58	292159.4	962481	3.1	2	1.3	3	G	1	6	2	Wind Turbine	6	180.26	3	7.64	1	18	3	6
59	292061.2	962483	6.3	4	1	2	R	1.5	12	2	Major Watercourse	8	177.89	3	19.43	2	24	3	6
60	292061.8	962585	4.3	4	1.1	3	G	1	12	2	Wind Turbine	6	185.54	3	1.01	1	18	3	6
61	292059.1	962682	2.4	2	2	3	G	1	6	2	Important Habitat	8	153.62	3	3.94	1	24	3	6
62	292065.5	962784	2.2	2	0.8	2	R	1.5	6	2	Important Habitat	8	104.42	3	3.77	1	24	3	6
63	292062.9	962889	4.2	4	0.7	2	G	1	8	2	Wind Turbine	6	70.41	3	-1.53	1	18	3	6
64	292065.3	962979	3.7	2	0.4	1	R	1.5	3	1	Important Habitat	8	38.17	3	2.26	1	24	3	3
65	292066.6	963082	2.9	2	1.1	3	G	1	6	2	Important Habitat	8	13.64	3	0.54	1	24	3	6
66	292062.6	963182	2.3	2	0.8	2	G	1	4	1	Important Habitat	8	2.84	4	-0.06	1	32	5	5
67	291966.5	963282	3.3	2	1.7	3	G	1	6	2	Important Habitat	8	1.71	4	0.04	1	32	5	10
68	291959.8	963184	1.8	1	2.7	3	G	1	3	1	Important Habitat	8	9.22	4	0.24	1	32	5	5
69	291961.4	963080	1.2	1	1.2	3	G	1	3	1	Important Habitat	8	107.39	3	2.72	1	24	3	3
70	291963.8	962981	1.8	1	0.7	2	R	1.5	3	1	Wind Turbine	6	87.56	3	-2.57	1	18	3	3
71	291963.5	962881	1.5	1	0.6	2	G	1	2	1	Wind Turbine	6	34.20	3	0.55	1	18	3	3
72	291961.9	962779	2.4	2	0.6	2	R	1.5	6	2	Wind Turbine	6	123.14	3	3.88	1	18	3	6
73	291962.2	962683	0.5	1	1.4	3	G	1	3	1	Important Habitat	8	167.58	3	6.42	1	24	3	3
74	291964.1	962583	5.1	4	0.4	1	G	1	4	1	Important Habitat	8	102.18	3	6.25	1	24	3	3
75	291961.8	962481	16.1	8	0.2	1	R	1.5	12	2	Important Habitat	8	95.60	3	8.48	1	24	3	6
76	291867.8	962480	5.5	4	2.9	3	G	1	12	2	Important Habitat	8	24.26	3	-1.86	1	24	3	6
77	291862.5	962582	6.8	4	1	2	G	1	8	2	Important Habitat	8	34.23	3	2.69	1	24	3	6
78	291862.0	962683	0.5	1	1.8	3	G	1	3	1	Important Habitat	8	107.58	3	6.13	1	24	3	3
79	291863.1	962783	1.6	1	1.5	3	G	1	3	1	Important Habitat	8	137.96	3	5.16	1	24	3	3
80	291864.6	962883	1.9	1	1.1	3	R	1.5	4.5	1	Wind Turbine	6	129.36	3	0.84	1	18	3	3
81	291863.0	962982	1.2	1	0.3	1	R	1.5	1.5	1	Wind Turbine	6	154.85	3	-2.31	1	18	3	3
82	291862.2	963083	1.0	1	1.2	3	G	1	3	1	Important Habitat	8	124.13	3	2.49	1	24	3	3
83	291861.3	963181	1.2	1	1	2	R	1.5	3	1	Important Habitat	8	60.14	3	0.88	1	24	3	3
84	291862.9	963283	3.0	2	1.6	3	G	1	6	2	Important Habitat	8	21.40	3	0.88	1	24	3	6
85	291862.3	963383	4.9	4	0.9	2	G	1	8	2	Important Habitat	8	2.14	4	-0.08	1	32	5	10
86	291759.7	963485	2.7	2	1.2	3	G	1	6	2	Important Habitat	8	24.54	3	0.76	1	24	3	6
87	291762.8	963385	5.1	4	0.6	2	G	1	8	2	Important Habitat	8	22.48	3	0.39	1	24	3	6
88	291762.7	963283	4.7	4	0.6	2	R	1.5	12	2	Important Habitat	8	56.15	3	3.71	1	24	3	6
89	291763.6	963178	4.6	4	0.5	1	G	1	4	1	Important Habitat	8	124.29	3	4.39	1	24	3	3
90	291760.2	963081	3.6	2	0.5	1	G	1	2	1	Important Habitat	8	128.58	3	5.08	1	24	3	3
91	291761.6	962977	0.3	1	1.2	3	G	1	3	1	Important Habitat	8	95.84	3	2.31	1	24	3	3
92	291762.0	962879	2.9	2	0.4	1	R	1.5	3	1	Important Habitat	8	37.33	3	2.54	1	24	3	3
93	291765.9	962783	2.6	2	0.8	2	G	1	4	1	Important Habitat	8	40.71	3	3.99	1	24	3	3
94	291764.3	962680	10.6	6	0.3	1	G	1	6	2	Important Habitat	8	15.76	3	2.90	1	24	3	6
95	291762.1	962582	0.4	1	3.5	8	R	1	8	2	Important Habitat	8	2.39	4	0.02	1	32	5	10
96	291761.4	962482	3.4	2	3.6	8	R	1.5	24	3	Important Habitat	8	11.17	3	-0.57	1	24	3	9
97	291763.4	962378	3.8	2	0.9	2	G	1	4	1	Major Watercourse	8	55.42	3	5.30	1	24	3	3
98	291764.0	962284	4.6	4	0.6	2	G	1	8	2	Major Watercourse	8	75.33	3	11.36	2	24	3	6
99	291763.0	962182	4.0	2	0.6	2	R	1.5	6	2	Wind Turbine	6	113.43	3	-6.23	1	18	3	6
100	291864.1	962182	5.3	4	2	3	G	1	12	2	Major Watercourse	8	52.84	3	3.53	1	24	3	6
101	291662.0	962181	2.9	2	0.4	1	G	1	2	1	Wind Turbine	6	125.36	3	-0.49	1	18	3	3
102	291662.2	962280	1.7	1	0.4	1	R	1.5	1.5	1	Major Watercourse	8	173.39	3	19.23	2	24	3	3
103	291661.3	962386	4.1	4	1	2	R	1.5	12	2	Wind Turbine	6	81.88	3	4.84	1	18	3	6
104	291661.9	962485	4.2	4	0.5	1	G	1	4	1	Important Habitat	8	4.37	4	0.25	1	32	5	5
105	291664.6	962584	2.2	2	4.1	8	G	1	16	3	Important Habitat	8	0.89	4	-0.02	1	32	5	15
106	291665.7	962692	3.9	2	0.3	1	R	1.5	3	1	Important Habitat	8	23.70	3	-0.48	1	24	3	3
107	291663.1	962787	2.5	2	1	2	G	1	4	1	Important Habitat	8	18.25	3	-0.62	1	24	3	3
108	291661.8	962875	2.0	2	1	2	G	1	4	1	Important Habitat	8	2.76	4	0.00	1	32	5	5
109	291663.6	962980	3.5	2	0.7	2	G	1	4	1	Important Habitat	8	23.46	3	1.16	1	24	3	3
110	291664.6	963083	5.6	4	0.3	1	R	1.5	6	2	Important Habitat	8	57.81	3	4.57	1	24	3	6
111	291663.0	963185	3.0	2	0.5	1	R	1.5	3	1	Important Habitat	8	31.59	3	0.97	1	24	3	3
112	291662.2	963284	3.5	2	0.4	1	G	1	2	1	Important Habitat	8	100.22	3	-0.19	1	24	3	3
113	291661.1	963384	6.6	4	0.6	2	G	1	8	2	Important Habitat	8	120.17	3	-0.70	1	24	3	6
114	291663.2	963485	4.7	4	0.6	2	G	1	8	2	Important Habitat	8	117.79	3	-0.55	1	24	3	6
115	291563.4	963285	4.0	4	1	2	G	1	8	2	Important Habitat	8	67.20	3	-3.31	1	24	3	6
116	291561.6	963180	1.0	1	1.5	3	G	1	3	1	Important Habitat	8	2.15	4	-0.01	1	32	5	5
117	291561.6	963080	0.7	1	2.2	3	G	1	3	1	Important Habitat	8	2.25	4	0.02	1	32	5	5
118	291564.3	962982	3.4	2	0.6	2	G	1	4	1	Important Habitat	8	5.95	4	-0.21	1	32	5	5
119	291561.9	962882	5.6	4	0.7	2	R	1.5	12	2	Important Habitat	8	59.97	3	-4.08	1	24	3	6
120	291574.3	962680	4.5	4	3.5	8	G	1	32	4	Important Habitat	8	37.92	3	-3.81	1	24	3	12
121	291560.3	962585	3.2	2	2	3	G	1	6	2	Important Habitat	8	44.95	3	-2.94	1	24	3	6
122	291561.1	962479	7.8	4	0.5	1	G	1	4	1	Wind Turbine	6	72.01	3	-5.80	1	18	3	3
123	291562.6	962382	12.4	6	0.5	1	R	1.5	9	2	Wind Turbine	6	105.11	3	0.27	1	18	3	6
124	291562.0	962281	13.4	6	0.9	2	G	1	12	2	Wind Turbine	6	193.88	3	3.82	1	18	3	6
125	291459.8	962280	6.6	4	0.7	2	G	1	8	2	Important Habitat	8	126.54	3	17.56	2	24	3	6
126	291461.7	962383	6.6	4	0.9	2	G	1	8	2	Important Habitat	8	106.57	3	14.47	2	24	3	6
127	291359.7	962282	8.1	6	0.2	1	R	1.5	9	2	Important Habitat	8	32.77	3	2.11	1	24	3	6
128	291259.6	962281	1.9	1	0.4	1	R	1.5	1.5	1	Important Habitat	8	5.84	4	-0.18	1	32	5	5
129	291162.8	962282	6.8	4	0.7	2	G	1	8	2	Important Habitat	8	48.02	3	3.14	1	24	3	6
130	291059.4	962285	3.1	2	0.9	2	R	1.5	6	2	Important Habitat	8	9.92	4	-0.53	1	32	5	10
131	290962.6	962282	2.0	2	2.2	3	R	1.5	9	2	Important Habitat	8	2.70	4	0.02	1	32	5	10
132	290876.0	962365	1.3	1	0.6	2	G	1	2	1	Important Habitat	8	2.10	4	0.05	1	32	5	5
133	290965.9	962377	1.1	1	3.9	8	G	1	8	2	Important Habitat	8	1.59	4	-0.01	1	32	5	10
134	291063.8	962382	2.9	2	0.8	2	R	1.5	6	2	Important Habitat	8	2.03	4	-0.08	1	32	5	10
135	291163.9	962380	5.8	4	0.5	1	R	1.5	6	2	Important Habitat	8	22.38	3	2.19	1	24	3	6
136	291263.5	962382	6.0	4	0.5	1	G	1	4	1	Important Habitat	8	2.06	4	-0.18	1	32	5	5
137	291062.4	962479	4.7	4	0.1	1	R	1.5	6	2	Important Habitat	8	56.39	3	1.71	1	24	3	6
138	290959.2	962482	3.9	2	0.3	1	R	1.5	3	1	Important Habitat	8	58.54	3	-1.16	1	24	3	3
139	290903.4	962480	6.5	4	0.4	1	R	1.5	6	2	Important Habitat	8	33.21	3	-2.06	1	24	3	6
140	290962.0	962579	3.0	2	0.2	1	G	1	2	1	Important Habitat	8	145.72	3	2.37	1	24	3	3
141	291064.5	962581	6.9	4	0.2	1	G	1	4	1	Important Habitat	8	158.27	3	2.36	1	24	3	3
142	291062.4	962681	4.9	4	0.4	1	G	1	4	1	Important Habitat	8	175.83	3	-18.98	1	24	3	3
143	290961.6	962684	2.7	2	0.2	1	G	1	2	1	Minor Watercourse	6	106.96	3	13.31	2	18	3	3
144	290961.9	962782	2.7	2	0.5	1	R	1.5	3	1	Minor Watercourse	6	86.81	3	13.15	2	18	3	3
145	291063.4	962779	3.8	2	0.6	2	C	2	8	2	Wind Turbine	6	85.71	3	3.23	1	18	3	6

1 TO 4	Negligible
5 TO 10	Low
11 TO 16	Medium
17 TO 25	High

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295	290562.4	962182	1.8	1	1.3	3	G	1	3	1	Important Habitat	8	2.48	4	0.07	1	32	5	5
296	290662.1	962183	7.2	4	0.2	1	G	1	4	1	Tracks or Paths	2	23.08	3	-2.90	1	6	1	1
297	290760.2	962181	12.5	6	0.8	2	G	1	12	2	Major Watercourse	8	38.57	3	13.40	2	24	3	6
298	290864.4	962178	8.1	6	1.3	3	G	1	18	3	Minor Watercourse	6	17.14	3	1.80	1	18	3	9
299	290962.3	962183	4.5	4	0.2	1	R	1.5	6	2	Important Habitat	8	35.33	3	-0.76	1	24	3	6
300	291062.6	962183	2.8	2	0.7	2	R	1.5	6	2	Important Habitat	8	82.77	3	1.35	1	24	3	6
301	291160.7	962181	6.0	4	0.5	1	G	1	4	1	Wind Turbine	6	80.51	3	-8.57	1	18	3	3
302	291263.0	962183	5.9	4	0.3	1	G	1	4	1	Important Habitat	8	16.69	3	-0.04	1	24	3	3
303	291357.7	962183	2.1	2	1.3	3	G	1	6	2	Important Habitat	8	48.39	3	0.69	1	24	3	6
304	291459.3	962178	6.9	4	1.3	3	G	1	12	2	Important Habitat	8	142.23	3	15.86	2	24	3	6
305	291563.9	962177	18.3	8	0.1	1	G	1	8	2	Wind Turbine	6	193.11	3	-7.10	1	18	3	6
306	291962.1	961983	2.7	2	1.2	3	R	1.5	9	2	Important Habitat	8	1.93	4	-0.09	1	32	5	10
307	291865.3	961982	5.9	4	0.9	2	G	1	8	2	Important Habitat	8	74.95	3	7.81	1	24	3	6
308	291765.9	961981	2.0	2	0.7	2	G	1	4	1	Wind Turbine	6	101.07	3	3.60	1	18	3	3
309	291662.8	961981	6.6	4	0.5	1	G	1	4	1	Wind Turbine	6	113.11	3	-5.29	1	18	3	3
310	291560.7	961988	12.8	6	0.7	2	G	1	12	2	Wind Turbine	6	187.25	3	-25.27	1	18	3	6
311	291462.1	961982	11.4	6	0.3	1	G	1	6	2	Important Habitat	8	195.69	3	22.01	2	24	3	6
312	291360.5	961983	7.4	4	0.3	1	G	1	4	1	Important Habitat	8	105.77	3	6.91	1	24	3	3
313	291264.8	961981	2.8	2	2.1	3	G	1	6	2	Important Habitat	8	12.46	3	0.44	1	24	3	6
314	291161.2	961982	2.0	2	0.5	1	R	1.5	3	1	Important Habitat	8	1.34	4	0.04	1	32	5	5
315	291061.6	961980	17.3	8	0.4	1	G	1	8	2	Important Habitat	8	13.86	3	-3.68	1	24	3	6
316	290958.7	961980	20.8	8	0.6	2	G	1	16	3	Important Habitat	8	8.68	4	-2.05	1	32	5	15
317	290866.1	961975	4.1	4	0.7	2	G	1	8	2	Important Habitat	8	2.48	4	-0.18	1	32	5	10
318	290764.8	961978	8.2	6	0.4	1	R	1.5	9	2	Important Habitat	8	0.42	4	-0.06	1	32	5	10
319	290659.1	961982	7.5	4	0.3	1	R	1.5	6	2	Important Habitat	8	53.19	3	9.85	1	24	3	6
320	290559.9	961983	1.9	1	1.8	3	G	1	3	1	Important Habitat	8	0.37	4	-0.01	1	32	5	5
321	290460.7	961986	2.6	2	1	2	R	1.5	6	2	Important Habitat	8	2.52	4	0.06	1	32	5	10
322	290361.7	961982	1.6	1	0.8	2	G	1	2	1	Important Habitat	8	16.72	3	-0.27	1	24	3	3
323	290263.3	961981	7.2	4	0.2	1	R	1.5	6	2	Tracks or Paths	2	8.42	4	1.02	1	8	2	4
324	290166.5	961982	1.4	1	0.3	1	G	1	1	1	Important Habitat	8	1.45	4	0.04	1	32	5	5
325	290062.8	961980	3.5	2	0.2	1	G	1	2	1	Minor Watercourse	6	52.54	3	1.87	1	18	3	3
326	289963.0	961981	5.5	4	0.2	1	G	1	4	1	Road	3	45.57	3	-2.19	1	9	2	2
327	289959.2	961883	4.7	4	0.2	1	G	1	4	1	Road	3	100.14	3	11.79	2	9	2	2
328	290061.4	961881	1.7	1	0.1	1	G	1	1	1	Minor Watercourse	6	76.69	3	1.44	1	18	3	3
329	290166.4	961886	1.8	1	0.4	1	G	1	1	1	Important Habitat	8	13.95	3	-0.43	1	24	3	3
330	290267.0	961884	6.4	4	0.2	1	R	1.5	6	2	Tracks or Paths	2	16.87	3	1.84	1	6	1	2
331	290362.7	961879	0.3	1	0.4	1	G	1	1	1	Important Habitat	8	24.79	3	0.13	1	24	3	3
332	290458.5	961880	1.0	1	4.6	8	R	1.5	12	2	Important Habitat	8	2.31	4	0.00	1	32	5	10
333	290560.8	961882	7.0	4	0.3	1	G	1	4	1	Important Habitat	8	11.39	3	1.57	1	24	3	3
334	290667.6	961882	10.9	6	0.4	1	G	1	6	2	Tracks or Paths	2	77.22	3	-11.21	1	6	1	2
335	290759.2	961882	7.3	4	0.6	2	G	1	8	2	Tracks or Paths	2	12.39	3	0.46	1	6	1	2
336	290858.9	961888	2.7	2	1.2	3	G	1	6	2	Important Habitat	8	1.28	4	0.01	1	32	5	10
337	290957.0	961886	2.7	2	1	2	G	1	4	1	Important Habitat	8	2.39	4	0.07	1	32	5	5
338	291059.9	961878	22.7	8	0.6	2	G	1	16	3	Minor Watercourse	6	14.75	3	5.34	1	18	3	9
339	291161.6	961882	4.9	4	1.3	3	R	1.5	18	3	Important Habitat	8	1.95	4	0.09	1	32	5	15
340	291256.6	961887	2.8	2	2.5	3	G	1	6	2	Important Habitat	8	1.55	4	0.08	1	32	5	10
341	291362.0	961880	5.7	4	0.4	1	G	1	4	1	Important Habitat	8	53.96	3	3.10	1	24	3	3
342	289643.1	962447	3.2	2	0.1	1	G	1	2	1	Major Watercourse	8	56.11	3	1.31	1	24	3	3
343	289962.0	961782	4.9	4	0.1	1	G	1	4	1	Important Habitat	8	67.93	3	-0.36	1	24	3	3
344	290061.6	961782	3.5	2	0.2	1	G	1	2	1	Important Habitat	8	70.68	3	-0.96	1	24	3	3
345	290160.8	961782	2.5	2	0.3	1	G	1	2	1	Important Habitat	8	1.64	4	0.07	1	32	5	5
346	290263.1	961782	3.9	2	0.1	1	G	1	2	1	Minor Watercourse	6	22.95	3	0.86	1	18	3	3
347	290360.4	961782	0.4	1	0.1	1	G	1	1	1	Important Habitat	8	24.85	3	0.09	1	24	3	3
348	290466.4	961780	0.9	1	5	8	G	1	8	2	Important Habitat	8	2.26	4	0.03	1	32	5	10
349	290563.0	961780	9.0	6	0.2	1	G	1	6	2	Important Habitat	8	33.72	3	8.21	1	24	3	6
350	290664.3	961786	12.5	6	0.2	1	G	1	6	2	Tracks or Paths	2	104.54	3	-14.91	1	6	1	2
351	290765.9	961786	5.0	4	0.1	1	G	1	4	1	Tracks or Paths	2	17.93	3	0.88	1	6	1	1
352	290860.6	961783	3.3	2	0.9	2	G	1	4	1	Important Habitat	8	0.57	4	-0.03	1	32	5	5
353	290963.9	961783	3.2	2	0.9	2	G	1	4	1	Important Habitat	8	4.82	4	0.24	1	32	5	5
354	291058.6	961784	5.0	4	0.3	1	R	1.5	6	2	Important Habitat	8	3.50	4	-0.25	1	32	5	10
355	291161.3	961782	12.4	6	0.8	2	G	1	12	2	Minor Watercourse	6	6.27	4	1.34	1	24	3	6
356	291261.9	961783	2.9	2	0.8	2	G	1	4	1	Important Habitat	8	1.74	4	0.08	1	32	5	5
357	291359.9	961785	3.8	2	1	2	R	1.5	6	2	Minor Watercourse	6	26.70	3	0.53	1	18	3	6
358	291461.6	961783	7.5	4	1.9	3	G	1	12	2	Important Habitat	8	82.46	3	7.10	1	24	3	6
359	291463.9	961885	7.0	4	0.3	1	G	1	4	1	Important Habitat	8	152.16	3	15.33	2	24	3	3
360	291561.3	961881	12.2	6	0.6	2	G	1	12	2	Important Habitat	8	205.99	3	12.40	2	24	3	6
361	291566.2	961783	8.6	6	0.3	1	R	1.5	9	2	Important Habitat	8	112.20	3	7.30	1	24	3	6
362	291658.9	961776	12.4	6	0.7	2	G	1	12	2	Important Habitat	8	86.64	3	-0.70	1	24	3	6
363	291622.1	961934	14.3	6	0.2	1	G	1	6	2	Wind Turbine	6	175.30	3	-15.00	1	18	3	6
364	291660.0	961879	11.9	6	0.2	1	G	1	6	2	Important Habitat	8	181.54	3	18.79	2	24	3	6
365	291762.6	961882	5.2	4	0.6	2	G	1	8	2	Important Habitat	8	157.94	3	13.03	2	24	3	6
366	291760.9	961781	14.1	6	0.3	1	G	1	6	2	Important Habitat	8	78.42	3	12.28	2	24	3	6
367	291864.9	961784	6.5	4	0.4	1	G	1	4	1	Important Habitat	8	51.40	3	3.42	1	24	3	3
368	291860.9	961882	5.4	4	0.7	2	G	1	8	2	Important Habitat	8	59.95	3	7.14	1	24	3	6
369	291958.9	961884	1.4	1	2	3	G	1	3	1	Important Habitat	8	1.44	4	0.03	1	32	5	5
370	292062.5	961887	1.1	1	1.2	3	R	1.5	4.5	1	Important Habitat	8	2.42	4	-0.04	1	32	5	5
371	291965.4	961784	1.7	1	1.9	3	G	1	3	1	Important Habitat	8	1.27	4	0.02	1	32	5	5
372	292062.4	961782	1.2	1	1.8	3	G	1	3	1	Important Habitat	8	2.53	4	-0.05	1	32	5	5
373	292060.0	961682	1.1	1	0.7	2	R	1.5	3	1	Important Habitat	8	1.23	4	0.01	1	32	5	5
374	291964.3	961686	2.1	2	0.4	1	R	1.5	3	1	Important Habitat	8	2.10	4	-0.08	1	32	5	5
375	291964.3	961686	2.1	2	1.4	3	R	1.5	9	2	Important Habitat	8	2.10	4	-0.08	1	32	5	10
376	291867.2	961681	4.2	4	0.5	1	R	1.5	6	2	Important Habitat	8	37.10	3	2.59	1	24	3	6
377	291763.4	961679	1.6	1	2.5	3	R	1.5	4.5	1	Important Habitat	8	2.20	4	-0.02	1	32	5	5
378	291659.8	961683	2.9	2	1.3	3	G	1	6	2	Important Habitat	8	33.70	3	-1.50	1	24	3	6
379	291561.1	961683	6.3	4	0.3	1	G	1	4	1	Important Habitat	8	30.00	3	3.80	1	24	3	3
380	291458.0	961682	6.9	4	1.3	3	G	1	12	2	Important Habitat	8	2.42	4	-0.27	1	32	5	10
381	291357.3	961673	3.2	2	1.9	3	R	1.5	9	2	Important Habitat	8	2.04	4	0.09	1	32	5	10
382	291261.2	961683	4.3	4	0.2	1	G	1	4	1	Important Habitat	8	1.05	4	0.05	1	32	5	5
383	291162.1	961682	9.7	6	0.5	1	G	1	6	2	Minor Watercourse	6	6.84	4	1.02	1	24	3	6
384	291063.2	961688	5.4	4	0.4	1	G	1	4	1	Important Habitat	8	95.65	3	4.07	1	24	3	3
385	290961.4	961684	3.7	2	0.6	2	R	1.5	6	2	Important Habitat	8	83.50	3	1.21	1	24	3	6
386	290866.5	961679	4.9	4	0.5	1	G	1	4	1	Important Habitat	8	1.87	4	-0.10	1	32	5	5
387	290758.0	961675	4.9	4	0.1	1	G	1	4	1	Important Habitat	8	17.44	3	-0.37	1	24	3	3
388	290661.8	961690	12.2	6	0.4	1	G	1	6	2	Important Habitat	8	108.75	3	-16.02	1	24	3	6
389	290562.3	961680	6.2	4	0.4	1	G	1	4	1	Important Habitat	8	56.91	3	12.23	2	24	3	3
390	290463.4	961681	0.5	1	5	8	G	1	8	2	Important Habitat	8	2.98	4	-0.03	1	32	5	10
391	290362.8	961683	1.9	1	0.2	1	G	1	1	1	Important Habitat	8	22.38	3	0.58	1	24	3	3
392	290163.3	961683	0.5	1	0.3	1	G	1	1	1	Important Habitat	8	13.12	3	0.18	1	24	3	3
393	290060.0	961682	1.5	1	0.6	2	G	1	2	1	Important Habitat	8	0.71	4	0.02	1	32	5	5
394	289961.6	961682	4.7	4	0.1	1	G	1	4	1	Important Habitat	8	28.66	3	2.23	1	24	3	3
395	289859.4	961680	10.6	6	0.2	1	R	1.5	9	2	Road	3	81.13	3	19.33	2	9	2	4
396	289861.7	961785	6.3	4	0.1	1	G	1	4	1	Road	3	36.23	3	9.21	1	9	2	2
397	289864.7	961585	4.5	4	0.2	1	G	1	4	1	Important Habitat	8	129.27	3	0.64	1	24	3	3
398	289959.8	961580	2.7	2	0.1	1	G	1	2	1	Important Habitat	8	44.42	3	2.37	1	24	3	3
399	290054.3	961582	1.7	1	0.7	2	G	1	2	1	Important Habitat	8	1.55	4	0.04	1	32	5	5
400	290157.5	961582	2.7	2	0.2	1	G	1	2	1	Important Habitat	8	47.29	3	1.54	1	24	3	3
401	290259.8	961580	2.2	2	0.8	2	R	1.5	6	2	Minor Watercourse	6	2.20	4	-0.07	1	24	3	6
402	290266.5	961673	0.9	1	1.7	3	R	1.5	4.5	1	Minor Watercourse	6	26.29	3	0.31	1	18	3	3
403	290360.3	961582	1.3	1	0.7	2	G	1	2	1	Important Habitat	8	1.32	4	0.02	1	32	5	5
404	290458.0	961580	3.3	2	1.8	3	G	1	6	2	Important Habitat	8	4.38	4	0.13	1	32	5	10
405	290569.7	961573	29.6	8	0.3	1	G	1	8	2	Important Habitat	8	110.76	3	24.67	2	24	3	6
406	290658.7	961579	15.0	6	0.4	1	G	1	6	2	Important Habitat	8	114.62	3	-17.43	1	24	3	6
407	290760.7	961576	3.6	2	0.4	1	G	1	2	1	Important Habitat	8	22.96	3	-0.65	1	24	3	3
408	290859.8	961586	4.9	4	1	2	G	1	8	2	Important Habitat	8	8.57	4	0.78	1	32	5	10
409	290961.3	961583	4.5	4	0.3	1	G	1	4	1	Important Habitat	8	106.64	3	0.83	1	24	3	3
410	291063.0	961584	5.8	4	0.4	1	R	1.5	6	2	Minor Watercourse	6	97.22	3	18.66	2	18	3	6
411	291158.0	961576	4.3	4	0.8	2	R	1.5	12	2	Minor Watercourse	6	3.29	4	0.10	1	24	3	6
412	291261.1	961581	8.4	6	0.5	1	R	1.5	9	2	Important Habitat	8	1.87	4	0.23	1	32	5	10
413	291362.5	961584	7.2	4	0.2	1	R	1.5	6	2	Important Habitat	8	2.34	4	0.09	1	32	5	10
414	291456.5	961576	6.0	4	0.4	1	G	1	4	1	Important Habitat	8	2.30	4	0.26	1	32	5	5
415	291458.6	961589	9.8	6	0.3	1	R	1.5	9	2	Important Habitat	8	1.71	4	-0.18	1	32	5	10
416	291558.8	961583	4.2	4	2.4	3	R	1.5	18	3	Important Habitat	8	1.43	4	-0.10	1	32	5	15
417	291661.0	961583	3.1	2	2	3	R	1.5	9	2	Important Habitat	8	0.78	4	0.04	1	32	5	10
418	291765.8	961588	2.7	2	1.1	3	G	1	6	2	Important Habitat	8	0.65	4	0.03	1	32	5	10
419	291861.7	961584	2.2	2	2.6	3	R	1.5	9	2	Important Habitat	8	1.59	4	0.06	1	32	5	10
420	291958.9	961582	1.1	1	2.1	3	R	1.5	4.5	1	Important Habitat	8	1.50	4	-0.03	1	32	5	5
421	292052.0	961589	0.8	1	1.2	3	G	1	3	1	Important Habitat	8	2.06	4	0.02	1	32	5	5
422	291457.2	961487	4.3	4	0.6	2	G	1	8	2	Important Habitat	8	2.22	4	0.11	1	32	5	10
423	291361.4	961482	5.7	4	0.4	1	G	1	4	1	Important Habitat	8	1.49	4	0.15	1	32	5	5
424	291260.7	961481	8.1	6	0.4	1	G	1	6	2	Important Habitat	8	2.34	4	0.19	1	32	5	10
425	291140.2	961478	16.0	8	0.4	1	G	1	8	2	Minor Watercourse	6	25.08	3	10.83	2	18	3	6
426	291057.3	961478	6.3	4	0.4	1	G	1	4	1	Minor Watercourse	6	107.93	3	18.60	2	18	3	3
427	290960.6	961480	4.0	2	0.5	1	G	1	2	1	Important Habitat	8	117.46	3	-3.04	1	24	3	3
428	290862.0	961482	4.9	4	1	2	R	1.5	12	2	Important Habitat	8	26.82	3	1.39	1	24	3	6
429	290761.9	961481	2.4	2	0.4	1	R	1.5	3	1	Important Habitat	8	18.45	3	1.07	1	24	3	3
430	290664.6	961482	18.5	8	0.1	1	R	1.5	12	2	Important Habitat	8	95.22	3	-10.60	1	24	3	6
431	290563.9	961481	22.4	8	0.3	1	G	1	8	2	Important Habitat	8	120.68	3	25.62	2	24	3	6
432	290461.7	961487	13.5	6	0.5	1	G	1	6	2	Important Habitat	8	37.96	3	4.71	1	24	3	6
433	290361.0	961485	0.7	1	2.8	3	R	1.5	4.5	1	Important Habitat	8	1.78	4	0.01	1	32	5	5
434	290262.0	961479	0.8	1	2	3	R	1.5	4.5	1	Important Habitat	8	1.92	4	0.02	1	32	5	5
435	290163.6	961483	5.1	4	0.1	1	G	1	4	1	Important Habitat	8	17.23	3	1.88	1	24	3	3
436	290059.5	961482	1.2	1	0.2	1	G	1	1	1	Important Habitat	8	1.65	4	0.04	1	32	5	5
437	289959.0	961481	9.5	6	0.2	1	G	1	6	2	Important Habitat	8	31.29	3	4.38	1	24	3	6
438	289858.1	961477	4.9	4	0.1	1	R	1.5	6	2	Important Habitat	8	130.89	3	1.07	1	24	3	6
439	289761.3	961484	5.6	4	0.1	1	R	1.5	6	2	Road	3	75.00	3	11.39	2	9	2	4
440	289764.5	961581	9.6	6	0.2	1	G	1	6	2	Road	3	47.59	3	7.72	1	9	2	4
441	290663.3	961182	1.0	1	0.8	2	G	1	2	1	Important Habitat	8	2.15	4	-0.03	1	32	5	5
442	290561.4	961183	18.3	8	0.3	1	G	1	8	2	Important Habitat	8	59.36	3	-7.31	1	24	3	6
443	290565.6	961287	19.1	8	0.3	1	G	1	8	2	Important Habitat	8	86.69	3	-19.01	1	24	3	6

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742	291224.8	961784	3.4	2	0.3	1	G	1	2	1	Important Habitat	8	1.02	4	-0.02	1	32	5	5
743	291224.6	961794	3.4	2	1	2	G	1	4	1	Important Habitat	8	1.06	4	-0.03	1	32	5	5
744	291224.4	961805	3.4	2	1.5	3	G	1	6	2	Important Habitat	8	1.65	4	-0.04	1	32	5	10
745	291224.7	961814	3.4	2	2.5	3	G	1	6	2	Important Habitat	8	1.42	4	-0.02	1	32	5	10
746	291224.8	961754	4.3	4	0.5	1	G	1	4	1	Important Habitat	8	0.88	4	-0.05	1	32	5	5
747	291225.0	961744	4.3	4	0.4	1	G	1	4	1	Important Habitat	8	1.33	4	-0.05	1	32	5	5
748	291225.2	961734	3.9	2	0.3	1	G	1	2	1	Important Habitat	8	1.26	4	-0.03	1	32	5	5
749	291225.7	961725	4.6	4	0.3	1	G	1	4	1	Important Habitat	8	1.53	4	0.11	1	32	5	5
750	291224.4	961714	5.3	4	0.1	1	G	1	4	1	Important Habitat	8	1.31	4	-0.01	1	32	5	5
751	291234.4	961764	5.1	4	1	2	G	1	8	2	Important Habitat	8	1.51	4	-0.12	1	32	5	10
752	291244.7	961764	3.9	2	0.3	1	G	1	2	1	Important Habitat	8	1.34	4	-0.05	1	32	5	5
753	291254.5	961764	2.8	2	0.5	1	G	1	2	1	Important Habitat	8	1.31	4	-0.06	1	32	5	5
754	291265.0	961765	2.7	2	1	2	G	1	4	1	Important Habitat	8	1.85	4	-0.06	1	32	5	5
755	291275.4	961765	2.5	2	1.4	3	G	1	6	2	Important Habitat	8	1.47	4	-0.03	1	32	5	10
756	291615.3	961654	9.2	6	0.3	1	R	1.5	9	2	Wind Turbine	6	17.43	3	-0.47	1	18	3	6
757	291624.7	961654	9.5	6	0.3	1	G	1	6	2	Wind Turbine	6	22.32	3	1.09	1	18	3	6
758	291635.4	961654	8.2	6	0.4	1	G	1	6	2	Wind Turbine	6	30.57	3	2.79	1	18	3	6
759	291645.0	961654	7.7	4	0.6	2	R	1.5	12	2	Important Habitat	8	31.36	3	3.75	1	24	3	6
760	291654.8	961655	6.9	4	0.6	2	G	1	8	2	Important Habitat	8	34.97	3	5.05	1	24	3	6
761	291665.1	961655	4.3	4	0.5	1	G	1	4	1	Important Habitat	8	25.16	3	-0.42	1	24	3	3
762	291670.0	961659	3.4	2	1	2	G	1	4	1	Important Habitat	8	20.26	3	-0.41	1	24	3	3
763	291675.3	961655	3.0	2	0.8	2	G	1	4	1	Important Habitat	8	15.04	3	0.13	1	24	3	3
764	291684.6	961654	1.9	1	1.8	3	G	1	3	1	Important Habitat	8	5.74	4	0.27	1	32	5	5
765	291695.3	961654	1.8	1	2	3	G	1	3	1	Important Habitat	8	1.32	4	0.03	1	32	5	5
766	291705.3	961654	1.9	1	5	8	G	1	8	2	Important Habitat	8	1.29	4	0.03	1	32	5	10
767	291715.1	961654	1.8	1	1.8	3	G	1	3	1	Important Habitat	8	1.09	4	0.02	1	32	5	5
768	291665.0	961604	4.3	4	1	2	R	1.5	12	2	Important Habitat	8	1.00	4	0.01	1	32	5	10
769	291665.1	961614	6.9	4	0.5	1	G	1	4	1	Important Habitat	8	1.29	4	0.08	1	32	5	5
770	291665.6	961625	10.9	6	0.5	1	G	1	6	2	Important Habitat	8	11.62	3	1.50	1	24	3	6
771	291664.6	961634	9.2	6	0.3	1	G	1	6	2	Important Habitat	8	21.32	3	2.58	1	24	3	6
772	291664.9	961644	8.0	4	0.4	1	G	1	4	1	Important Habitat	8	25.31	3	-0.68	1	24	3	3
773	291665.8	961665	3.8	2	1.4	3	G	1	6	2	Important Habitat	8	24.47	3	-0.93	1	24	3	6
774	291665.0	961674	3.7	2	1.5	3	G	1	6	2	Important Habitat	8	25.93	3	-1.19	1	24	3	6
775	291664.6	961684	2.9	2	1.5	3	R	1.5	9	2	Important Habitat	8	30.24	3	-1.25	1	24	3	6
776	291665.2	961695	3.0	2	1.5	3	G	1	6	2	Important Habitat	8	32.13	3	-1.25	1	24	3	6
777	291665.3	961704	4.5	4	0.4	1	R	1.5	6	2	Important Habitat	8	36.73	3	-1.02	1	24	3	6
778	291225.3	962174	7.6	4	0.2	1	G	1	4	1	Wind Turbine	6	29.14	3	-3.23	1	18	3	3
779	291224.9	962184	7.4	4	0.2	1	G	1	4	1	Wind Turbine	6	21.33	3	-2.45	1	18	3	3
780	291225.1	962194	7.1	4	0.1	1	G	1	4	1	Wind Turbine	6	15.01	3	-1.63	1	18	3	3
781	291225.5	962204	6.7	4	0.3	1	G	1	4	1	Wind Turbine	6	14.25	3	-0.81	1	18	3	3
782	291225.0	962214	6.1	4	0.4	1	G	1	4	1	Wind Turbine	6	20.16	3	-0.47	1	18	3	3
783	291223.8	962220	7.0	4	0.3	1	R	1.5	6	2	Wind Turbine	6	25.18	3	-0.71	1	18	3	6
784	291225.1	962224	6.7	4	0.2	1	G	1	4	1	Important Habitat	8	25.76	3	-1.74	1	24	3	3
785	291225.4	962234	5.9	4	0.8	2	G	1	8	2	Important Habitat	8	29.51	3	-1.78	1	24	3	6
786	291225.0	962244	5.1	4	0.9	2	G	1	8	2	Important Habitat	8	34.28	3	-1.90	1	24	3	6
787	291225.6	962254	5.7	4	0.4	1	R	1.5	6	2	Important Habitat	8	39.53	3	-1.71	1	24	3	6
788	291225.4	962264	6.1	4	0.3	1	G	1	4	1	Important Habitat	8	39.85	3	-2.41	1	24	3	3
789	291275.1	962224	4.0	FALSE	0.8	2	G	1	0	1	Important Habitat	8	0.99	4	0.03	1	32	5	5
790	291265.0	962225	3.2	2	0.6	2	R	1.5	6	2	Important Habitat	8	1.49	4	-0.02	1	32	5	10
791	291254.7	962224	2.5	2	0.5	1	G	1	2	1	Important Habitat	8	1.26	4	-0.04	1	32	5	5
792	291245.1	962224	2.7	2	0.2	1	G	1	2	1	Important Habitat	8	8.16	4	-0.34	1	32	5	5
793	291235.0	962225	3.9	2	0.2	1	G	1	2	1	Important Habitat	8	16.54	3	-0.86	1	24	3	3
794	291215.1	962224	7.8	4	0.3	1	G	1	4	1	Wind Turbine	6	33.89	3	-1.96	1	18	3	3
795	291205.1	962225	8.0	4	0.4	1	G	1	4	1	Wind Turbine	6	42.03	3	-3.33	1	18	3	3
796	291195.3	962225	8.2	6	0.5	1	G	1	6	2	Wind Turbine	6	50.36	3	-4.75	1	18	3	6
797	291185.2	962225	6.9	4	0.9	2	G	1	8	2	Wind Turbine	6	59.18	3	-6.14	1	18	3	6
798	291175.1	962224	6.0	4	0.7	2	G	1	8	2	Wind Turbine	6	68.38	3	-7.06	1	18	3	6
799	290925.4	962365	1.2	1	0.9	2	G	1	2	1	Important Habitat	8	1.43	4	0.02	1	32	5	5
800	290915.0	962365	1.1	1	1.3	3	R	1.5	4.5	1	Important Habitat	8	1.60	4	0.02	1	32	5	5
801	290905.1	962365	1.2	1	1.8	3	G	1	3	1	Important Habitat	8	2.01	4	0.02	1	32	5	5
802	290895.5	962365	1.2	1	2	3	G	1	3	1	Important Habitat	8	1.51	4	0.02	1	32	5	5
803	290885.2	962364	1.3	1	2	3	G	1	3	1	Important Habitat	8	1.33	4	0.02	1	32	5	5
804	290874.9	962365	1.3	1	0.9	2	G	1	2	1	Important Habitat	8	1.91	4	0.03	1	32	5	5
805	290865.3	962365	1.3	1	2	3	G	1	3	1	Important Habitat	8	8.16	4	0.19	1	32	5	5
806	290855.6	962364	1.3	1	3	3	R	1.5	4.5	1	Important Habitat	8	11.93	3	0.38	1	24	3	3
807	290845.3	962365	1.8	1	2.6	3	G	1	3	1	Important Habitat	8	16.54	3	-0.02	1	24	3	3
808	290835.3	962364	1.9	1	2.4	3	G	1	3	1	Important Habitat	8	16.20	3	-0.38	1	24	3	3
809	290825.4	962365	2.8	2	1	2	G	1	4	1	Important Habitat	8	17.11	3	-0.49	1	24	3	3
810	290875.6	962414	0.6	1	1.1	3	G	1	3	1	Important Habitat	8	1.08	4	-0.01	1	32	5	5
811	290874.9	962404	0.6	1	0.7	2	R	1.5	3	1	Important Habitat	8	1.31	4	-0.01	1	32	5	5
812	290875.1	962394	0.6	1	0.3	1	G	1	1	1	Important Habitat	8	1.39	4	-0.01	1	32	5	5
813	290874.3	962385	0.6	1	0.1	1	G	1	1	1	Important Habitat	8	6.31	4	-0.03	1	32	5	5
814	290874.7	962375	1.0	1	0.2	1	G	1	1	1	Important Habitat	8	1.66	4	-0.04	1	32	5	5
815	290874.7	962354	1.6	1	2	3	R	1.5	4.5	1	Important Habitat	8	1.45	4	0.02	1	32	5	5
816	290875.0	962345	1.6	1	2.6	3	G	1	3	1	Important Habitat	8	1.71	4	0.03	1	32	5	5
817	290875.0	962334	1.4	1	2	3	G	1	3	1	Important Habitat	8	1.42	4	0.02	1	32	5	5
818	290874.4	962325	1.3	1	1.6	3	G	1	3	1	Important Habitat	8	1.84	4	0.04	1	32	5	5
819	290875.5	962315	1.0	1	2.4	3	G	1	3	1	Important Habitat	8	2.01	4	-0.02	1	32	5	5
820	291290.7	961742	3.2	2	0.5	1	G	1	2	1	Important Habitat	8	1.32	4	0.04	1	32	5	5
821	291290.3	961752	3.2	2	0.8	2	G	1	4	1	Important Habitat	8	1.06	4	0.02	1	32	5	5
822	291289.2	961762	2.9	2	1.3	3	G	1	6	2	Important Habitat	8	1.37	4	-0.05	1	32	5	10
823	291289.7	961772	2.2	2	1.6	3	G	1	6	2	Important Habitat	8	1.45	4	0.01	1	32	5	10
824	291289.9	961782	2.0	1	1.2	3	R	1.5	4.5	1	Important Habitat	8	3.75	4	-0.08	1	32	5	5
825	291287.6	961791	2.0	1	1.4	3	G	1	3	1	Minor Watercourse	6	3.45	4	0.03	1	24	3	3
826	291300.6	961792	1.9	1	2.1	3	R	1.5	4.5	1	Minor Watercourse	6	8.76	4	-0.15	1	24	3	3
827	291310.3	961792	1.9	1	2.2	3	R	1.5	4.5	1	Minor Watercourse	6	13.30	3	0.14	1	18	3	3
828	291319.6	961792	1.8	1	2.4	3	G	1	3	1	Minor Watercourse	6	16.48	3	0.09	1	18	3	3
829	291329.7	961791	2.3	2	2.3	3	G	1	6	2	Minor Watercourse	6	18.92	3	-0.02	1	18	3	6
830	291340.0	961792	2.5	2	1.8	3	G	1	6	2	Minor Watercourse	6	24.02	3	0.41	1	18	3	6
831	291290.1	961842	2.4	2	0.4	1	G	1	2	1	Important Habitat	8	1.08	4	-0.05	1	32	5	5
832	291289.7	961833	2.1	2	1	2	G	1	4	1	Important Habitat	8	0.53	4	-0.02	1	32	5	5
833	291289.7	961822	2.2	2	1.1	3	G	1	6	2	Important Habitat	8	6.42	4	-0.13	1	32	5	10
834	291290.0	961812	2.1	2	2.1	3	R	1.5	9	2	Important Habitat	8	16.34	3	-0.29	1	24	3	6
835	291289.5	961801	1.9	1	2.1	3	R	1.5	4.5	1	Minor Watercourse	6	13.19	3	-0.09	1	18	3	3
836	291279.4	961792	2.2	2	0.5	1	R	1.5	3	1	Minor Watercourse	6	4.07	4	-0.08	1	24	3	3
837	291269.7	961791	2.9	2	0.4	1	G	1	2	1	Minor Watercourse	6	1.72	4	-0.02	1	24	3	3
838	291260.0	961792	2.8	2	1	2	G	1	4	1	Minor Watercourse	6	1.43	4	0.00	1	24	3	3
839	291249.0	961792	2.2	2	1.1	3	G	1	6	2	Minor Watercourse	6	1.40	4	-0.04	1	24	3	6
840	291240.0	961792	2.2	2	1.1	3	R	1.5	9	2	Important Habitat	8	1.45	4	-0.02	1	32	5	10
841	291273.2	961771	2.9	2	1.1	3	R	1.5	9	2	Important Habitat	8	2.99	4	0.00	1	32	5	10
842	291312.0	961772	1.8	1	0.8	2	G	1	2	1	Important Habitat	8	2.24	4	0.05	1	32	5	5
843	291318.3	961802	2.0	2	2.6	3	R	1.5	9	2	Minor Watercourse	6	25.68	3	0.03	1	18	3	6
844	291323.8	961818	2.1	2	2.8	3	R	1.5	9	2	Important Habitat	8	20.39	3	0.21	1	24	3	6
845	291315.3	961854	3.0	2	1.1	3	G	1	6	2	Important Habitat	8	0.61	4	0.02	1	32	5	10
846	291331.7	961857	3.4	2	0.3	1	G	1	2	1	Important Habitat	8	17.03	3	1.04	1	24	3	3
847	291282.8	961861	3.6	2	2.1	3	R	1.5	9	2	Important Habitat	8	3.46	4	-0.16	1	32	5	10
848	291262.9	961853	2.8	2	0.8	2	G	1	4	1	Important Habitat	8	2.34	4	-0.02	1	32	5	5
849	291267.1	961821	3.2	2	0.4	1	G	1	2	1	Important Habitat	8	2.52	4	-0.06	1	32	5	5
850	291277.6	961882	2.9	2	1.1	3	R	1.5	9	2	Important Habitat	8	2.42	4	0.11	1	32	5	10
851	291302.3	961890	2.2	2	0.2	1	G	1	2	1	Important Habitat	8	18.71	3	0.79	1	24	3	3
852	291293.4	961929	1.9	1	1.6	3	G	1	3	1	Important Habitat	8	49.80	3	0.22	1	24	3	3
853	291276.0	961929	1.9	1	2.1	3	R	1.5	4.5	1	Important Habitat	8	41.56	3	0.85	1	24	3	3
854	291628.8	961720	7.1	4	1.3	3	R	1.5	18	3	Wind Turbine	6	52.98	3	5.06	1	18	3	9
855	291631.0	961711	6.3	4	0.1	1	G	1	4	1	Wind Turbine	6	44.92	3	5.39	1	18	3	3
856	291630.7	961701	6.5	4	0.1	1	G	1	4	1	Wind Turbine	6	36.07	3	5.67	1	18	3	3
857	291628.8	961690	7.5	4	0.1	1	G	1	4	1	Wind Turbine	6	26.75	3	4.20	1	18	3	3
858	291632.0	961675	8.6	6	0.5	1	G	1	6	2	Wind Turbine	6	22.31	3	3.33	1	18	3	6
859	291636.9	961661	8.6	6	0.4	1	G	1	6	2	Wind Turbine	6	28.72	3	3.16	1	18	3	6
860	291628.5	961639	10.1	6	0.2	1	G	1	6	2	Important Habitat	8	17.16	3	0.76	1	24	3	6
861	291630.5	961627	7.2	4	0.3	1	R	1.5	6	2	Important Habitat	8	6.12	4	-0.36	1	32	5	10
862	291629.8	961618	5.3	4	0.5	1	R	1.5	6	2	Important Habitat	8	0.39	4	-0.03	1	32	5	10
863	291584.2	961671	6.9	4	0.5	1	G	1	4	1	Wind Turbine	6	25.80	3	-3.07	1	18	3	3
864	291593.2	961671	7.0	4	0.3	1	R	1.5	6	2	Wind Turbine	6	16.81	3	-2.15	1	18	3	6
865	291601.2	961671	8.1	6	0.4	1	G	1	6	2	Wind Turbine	6	8.84	4	-1.24	1	24	3	6
866	291612.1	961670	9.3	6	0.2	1	R	1.5	9	2	Wind Turbine	6	2.59	4	0.19	1	24	3	6
867	291621.3	961670	9.0	6	0.3	1	G	1	6	2	Wind Turbine	6	11.33	3	1.55	1	18	3	6
868	291642.5	961670	7.1	4	0.6	2	R	1.5	12	2	Wind Turbine	6	32.53	3	4.29	1	18	3	6
869	291652.9	961670	3.7	2	1	2	G	1	4	1	Important Habitat	8	37.38	3	-1.92	1	24	3	3
870	291625.0	961738	7.2	4	0.1	1	G	1	4	1	Wind Turbine	6	68.67	3	5.09	1	18	3	3
871	291610.5	961734	9.1	6	0.5	1	G	1	6	2	Wind Turbine	6	62.59	3	2.85	1	18	3	6
872	291581.0	961802	8.0	4	0.4	1	R	1.5	6	2	Wind Turbine	6	134.06	3	0.57	1	18	3	6
873	291560.5	961794	8.8	6	0.5	1	G	1	6	2	Important Habitat	8	120.71	3	6.91	1	24	3	6
874	291582.2	961736	7.7	4	0.4	1	G	1	4	1	Wind Turbine	6	70.75	3	-0.91	1	18	3	3
875	291569.9	961733	5.1	4	0.5	1	G	1	4	1	Important Habitat	8	70.99	3	7.03	1	24	3	3
876	291760.7	962040	4.6	4	1	2	R	1.5	12	2	Wind Turbine	6	48.12	3	1.19	1	18	3	6
877	291758.4	962053	4.1	4	0.6	2	R	1.5	12	2	Wind Turbine	6	37.90	3	0.41	1	18	3	6
878	291756.8	962065	4.2	4	0.6	2	G	1	8	2	Wind Turbine	6	31.32	3	-0.19	1	18	3	6
879	291774.3	962070	4.9	4	0.9	2	G	1	8	2	Wind Turbine	6	47.52	3	-1.31	1	18	3	6
880	291734.8	962065	4.2	4	0.3	1	R	1.5	6	2	Wind Turbine	6	11.69	3	0.50	1	18	3	6
881	291717.1	962091	2.2	2	1.1	3	G	1	6	2	Wind Turbine	6	19.42	3	-1.16	1	18	3	6
882	291730.9	962091	3.9	2	0.5	1	G	1	2	1	Wind Turbine	6	17.36	3	-1.14	1	18	3	3
883	291740.7	962093	4.9	4	0.5	1	G	1	4	1	Wind Turbine	6	23.57	3	-1.65	1	18	3	3
884	291752.6	962095	4.9	4	0.7	2	R	1.5	12	2	Wind Turbine	6	33.00	3	-2.23	1	18	3	6
885	291754.6	962088	5.0	4	0.6	2	G	1	8	2	Wind Turbine	6	31.09	3	-1.80	1	18	3	6
886	291759.6	962092	5.0	4	0.8	2	G	1	8	2	Wind Turbine	6	37.12	3	-2.28	1	18	3	6
887	291770.0	962092	5.2	4	0.9	2	R	1.5	12	2	Wind Turbine	6	46.53	3	-2.87	1	18	3	6
888	291779.9	962091	5.5	4	0.8	2	G	1	8	2	Wind Turbine	6	55.72	3	-3.47	1	18	3	6
889	291790.6	962092	7.9	4	0.4	1	G	1	4	1	Wind Turbine	6	66.17	3	-4.34	1	18	3	3
890	291801.2	962092	8.4	6	0.5	1	G	1	6	2	Wind Turbine	6	76.24	3	-5.42	1	18	3	6

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2679	290448.3	963000	6.1	4		0.2	1	G		1	4	1	Tracks or Paths	2		94.28	3		-1.27	1	6	1	1			
2680	290430.4	962983	6.7	4		0.3	1	R		1.5	6	2	Tracks or Paths	2		84.75	3		0.71	1	6	1	2			
2681	290455.3	962969	3.7	2		0.2	1	G		1	2	1	Tracks or Paths	2		63.09	3		-0.88	1	6	1	1			
2682	290440.0	962951	7.0	4		0.2	1	G		1	4	1	Tracks or Paths	2		52.02	3		-1.29	1	6	1	1			
2683	290441.0	962932	6.4	4		0.2	1	G		1	4	1	Tracks or Paths	2		33.56	3		0.07	1	6	1	1			
2684	290460.6	962940	5.0	4		0.4	1	R		1.5	6	2	Tracks or Paths	2		35.49	3		-0.93	1	6	1	2			