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Hill of Morpie, near Montrose Proposed Single Turbine

Cultural Heritage Assessment

Report No: 3005

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Hill of Morphie, near Montrose Proposed Single Turbine

Cultural Heritage Assessment

Report No: 3005

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1. INTRODUCTION

An archaeological desk-based assessment was undertaken in March 2013 by CFA Archaeology Ltd for a proposed turbine at Hill of Morphie, near Montrose (NO 72559 65020; Figure 1). The work was commissioned by Engena Limited to support their application for a single wind turbine with a maximum height of 77 metres (m) to blade tip.

The specific objectives of the cultural heritage study were to:

- identify the cultural heritage baseline within the study area, and key cultural heritage assets within 5km of the proposed turbine;
- assess the proposed development site in terms of its archaeological and historic environment potential, within the context of relevant legislation and planning policy guidelines;
- consider the potential and predicted effects of the construction and operation of the development on the baseline cultural heritage resource;
- propose measures, where appropriate, to mitigate any predicted significant adverse effects.

Figure 1 depicts the location of the proposed turbine, and the location of cultural heritage assets within a 1km radius of the proposed turbine. Appendix 1 provides a gazetteer of these assets and an indication of the importance of each.

Figure 2 shows the proposed development in its wider landscape setting with the blade tip zone of theoretical visibility (ZTV) and the locations of cultural heritage assets within 5km of the proposed turbine that are predicted to have a view of the turbine. A list of the cultural heritage assets within 5km of the proposed turbine which have predicted visibility of the proposed turbine are provided in Appendix 2. Sites identified as having theoretical visibility include Scheduled Monuments and Listed Buildings.

2. PLANNING AND LEGISLATIVE BACKGROUND

Scotland's historic environment contributes to the Scottish Government's strategic objectives and to the target of improving the state of Scotland's historic buildings, monuments and environment which is identified as a national indicator and target under the National Performance Framework. The Scottish Historic Environment Policy (SHEP) sets out Scottish Minister's policies for the historic environment, and provides policy direction for Historic Scotland and a framework that informs the day-to-day work of a range of organisations that have a role and interest in managing Scotland's historic environment. Through the implementation of the SHEP (Historic Scotland 2010), Scottish Ministers wish to achieve three outcomes for Scotland's historic environment:

1. That the historic environment is cared for, protected and enhanced for the benefit of our own and future generations.
2. To secure greater economic benefits from the historic environment.
3. That the people of Scotland and visitors to our country value, understand and enjoy the historic environment.

Cultural heritage resources include sites with statutory and non-statutory designations, as defined in Scottish Planning Policy (SPP)(The Scottish Government 2010). Scottish Planning

Policy requires that planning authorities ensure that development plans provide a framework for the protection, conservation and enhancement of the historic environment to allow the assessment of the impact of proposed development on the historic environment (para 112).

Sites with statutory designations include:

- Scheduled Monuments;
- Listed Buildings;
- Conservation Areas;

Sites with non-statutory designations include:

- World Heritage Sites;
- Gardens and Designed Landscapes;
- Historic Battlefields;
- Other Historic Environment Interests.

Those relevant to this assessment are Scheduled Monuments, Listed Buildings and other historic environment interests.

Scheduled Monuments

Under the Ancient Monuments and Archaeological Areas Act 1979 (1979 Act) (The Scottish Office 1994), the Scottish Ministers are required to compile and maintain a schedule of monuments considered to be of importance. The consent of the Scottish Ministers is required before any works are carried out which would have the effect of demolishing, destroying, damaging, removing, repairing, altering, adding to, flooding or covering up a Scheduled Monument. In addition, impacts of proposed development works upon the setting of a Scheduled Monument form an important consideration in the granting or refusal of planning consent to conduct development works. Further information on development control procedures relating to Scheduled Monuments is provided in the SHEP, SPP and in Planning Advice Note (PAN 2): Archaeology (The Scottish Office 2011).

Listed Buildings

Under the Planning (Listed Buildings and Conservation Areas) (Scotland) Act 1997 (1997 Act) (HM Government 1997), the Scottish Ministers are required to compile a list of buildings of special architectural or historic interest. Such buildings are classified into Categories A, B and C, in decreasing order of importance. Planning authorities and the Scottish Ministers are required to have special regard for the desirability of preserving Listed Buildings and their settings and any features of special architectural or historic importance they possess. Scottish Government policy and guidance is also provided in SHEP and SPP.

Other Historic Environment Interests

Archaeological sites and monuments without statutory protection are curated by the local planning authority. Scottish Planning Policy (SPP) 2010 - Planning and the Historic Environment and PAN 2/2011 provide national planning policy guidance and advice on the treatment of this resource. PAN 2/2011 advises that, in determining planning applications, planning authorities should take into account the relative importance of archaeological sites

(para 5). It also notes that in determining planning applications that may impact on archaeological features or their setting, planning authorities may on occasion have to balance the benefits of development against the importance of archaeological features (para 6). The desirability of preserving a monument (whether scheduled or not) is a material consideration and the objective should be to assure the protection and enhancement of monuments by preservation *in situ*, in an appropriate setting. When preservation *in situ* is not possible, recording and/or excavation followed by analysis and publication of the results may be an acceptable alternative (para 14).

Regional and Local Planning Policy Guidance

Aberdeen City and Shire Structure Plan (August 2009)

The Aberdeen City and Shire Structure Plan includes the objective '*to make sure new development maintains and improves the region's important built, natural and cultural assets*'. It notes that '*Sites and areas valued for their contribution to the built and historic environment are just as sensitive and should be protected from the negative effects of development*'. One of the plan's targets is to '*make sure that development improves and does not lead to the loss of, or damage to, built, natural or cultural heritage assets*'. Local development plans (and supplementary guidance) will make sure the North East's natural environment and historic sites and buildings continue to be protected and improved.

Aberdeenshire Local Development Plan (2012)

Policy 13 Protecting, improving and conserving the historic environment states that: '*Aberdeenshire Council supports the protection, improvement and conservation of the historic environment. There will be a presumption against development that would have a negative effect on the quality of these historic assets. Different parts of the historic environment require to be subject to specific guidance and controls to make sure that we maintain and improve their value. The way we will do this is published separately in the following supplementary guidance. SG Historic Environment1: Listed buildings; SG Historic Environment2: Conservation areas; SG Historic Environment3: Historic gardens and designed landscapes; SG Historic Environment4: Archaeological sites and monuments*'.

SG Historic Environment 1: Listed buildings states that: '*We will protect all "listed buildings" contained in the statutory list of Buildings of Special Architectural or Historic Interest for Aberdeenshire, and we will encourage their protection, maintenance, enhancement, active use and conservation. We will refuse planning permission and/or listed building consent for any works, including demolition, which would have a detrimental effect on their character, integrity or setting. We will only approve alterations or extensions to listed buildings or new development within their curtilage, subject to other policies, if:*

- 1. they are of the highest quality, and respect the original structure in terms of setting, scale, design and materials; and*
- 2. the proposed development is essential to securing the best viable use of the listed building without undermining its architectural or historic character, or its setting.'*

SG Historic Environment 4: Archaeological sites and monuments states that: '*We will only approve development that would have an adverse effect on a scheduled ancient monument or on any other archaeological site, including battlefields, of either national or local importance, or on their setting, subject to other policies, if:*

1. *there are imperative reasons of overriding public interest, including those of a social or economic nature; and*
2. *there is no alternative site for the development; and*
3. *where there is doubt, the applicant has provided further information, at their expense, on the nature and location of the archaeological feature(s) involved, prior to determination of the planning application.*

In any such case, the applicant must at their own expense:

- a) *take satisfactory steps to mitigate adverse development impacts; and*
- b) *when the preservation of the site in its original location is not possible, arrange for the full excavation and recording of the site in advance of development.'*

3. APPROACH TO THE ASSESSMENT

The assessment has been conducted in accordance with the Institute for Archaeologists Code of Conduct (IfA 2012a) and Standard and Guidance for Archaeological Desk-based Assessment (IfA 2012b).

Desk-based assessment

Up-to-date information was obtained from appropriate sources on the locations of cultural heritage sites with statutory protection and non-statutory designations either within or in the vicinity of the proposed development. Details of the locations and extents of Scheduled Monuments, Listed Buildings, and Inventory Gardens and Designed Landscapes within the study area were obtained from Historic Scotland. Data was provided in a digital GIS format (Historic Scotland 2013).

Information on the character and condition of known archaeological sites and monuments within the study area was obtained from the online PastMap resource maintained by the Royal Commission on the Ancient and Historical Monuments of Scotland (RCAHMS) and Historic Scotland (RCAHMS 2013a)

Ordnance Survey maps and other early maps held by the Map Library of the National Library of Scotland were examined, to provide information on sites of potential archaeological significance and on historic land-use changes.

The Historic Land-Use Assessment (HLA) Map (RCAHMS 2013b) was consulted for information on the historic land use character of the proposed development area.

Bibliographic references were consulted to provide background and historical information. No attempt was made within the remit of this study to conduct detailed historical analysis.

The Scottish Palaeoenvironmental Database (<http://xweb.geos.ed.ac.uk/~aj/spad>) which records the distribution of known palaeoenvironmental sites within Scotland and the online Historic Land-Use Assessment Data for Scotland maps, maintained by the RCAHMS (<http://www.rcahms.gov.uk/>) were consulted. No information relevant to the study area was found.

Assessment of Impacts

The potential impacts, direct and indirect, of the proposed development on cultural heritage assets, were assessed using pre-defined criteria. They were assessed in terms of the longevity, reversibility and nature (beneficial/neutral/adverse), which allowed the magnitude of effect for each cultural heritage asset to be predicted. The assessment of significance of predicted impacts was undertaken using two key criteria: importance of the cultural heritage asset, and magnitude of effect.

The assessment of importance of archaeological and heritage assets has been determined from the relative weight given to them in SPP and SHEP). Table 1 summarises the relative importance of key cultural heritage resources.

Table 1: Importance of Cultural Heritage Assets

Importance	Definition/Criteria
National / International	Sites of national and international importance, including: Scheduled Monuments. Category A Listed Buildings. Outstanding Conservation Areas. Inventory status Historic Gardens and Designed Landscapes. Inventory Historic Battlefields
Regional	Archaeological sites and areas of distinctive regional importance including: Category B Listed Buildings. Conservation Areas.
Local	Archaeological sites and areas of local importance including: Category C Listed Buildings. Non-inventory designed landscapes
Lesser	Sites of little or no importance, including: Other historic environment features Find-spots

Assessment of Magnitude of Impact

Criteria for assessing the magnitude of impact, which measures the degree of change to the baseline condition of a feature that would result from the construction of one or more element of the proposed development, are presented in Table 2.

Table 2: Magnitude of Impact

Level of Magnitude	Definition
High	Major impact fundamentally changing the baseline condition of the asset, leading to total or major alteration of character or setting.
Medium	Moderate impact changing the baseline condition of the asset materially but not fundamentally, leading to partial alteration of character or setting.
Low	Minor detectable impact which do not alter the baseline condition of the asset materially.
Imperceptible	A very slight and barely distinguishable change from baseline conditions.
None	No discernible change to the baseline condition of the character or setting of the asset.

The importance of the asset and the magnitude of the predicted effect are used to inform the professional judgment of the probable magnitude of impact. Table 3 combines these criteria to provide an assessment of whether an effect is considered to be significant or not significant. Major and moderate effects are considered to be significant.

Table 3: Significance of Impact

Magnitude of Impact	Importance of Cultural Heritage Asset			
	National / International	Regional	Local	Lesser
High	Major	Major	Moderate	Minor
Medium	Major	Moderate	Minor	Negligible
Low	Minor	Minor	Negligible	Negligible
Imperceptible	Minor	Negligible	Negligible	Negligible
None	None	None	None	None

Visual impacts upon the settings of designated cultural heritage sites within 5km of the proposed development were evaluated. Only Scheduled Monuments and Listed Buildings are located within the 5km buffer. Due to the small size of the proposed turbine it is considered that any visual impacts on cultural heritage sites beyond the assessment distances would not be significant.

4. DIRECT IMPACTS AND ARCHAEOLOGICAL POTENTIAL

There are few recorded archaeological remains in the vicinity of the location of the proposed turbine. The HER records the possibility that a tower house or Laird's house (**1**) was located in the vicinity of North or South Snadon farm, due to the presence of a lintel stone dated 1683 which is now built into the steading of West Balhagarty which lies further to the east, outside the study area. An area of cropmarks at the southern end of the study area (**4**) is suggested by the HER to be the remains of enclosures and longhouses. The HER also records another set of parallel cropmarks (**6**) located to the west of the proposed turbine. An area of rig and furrow cultivation remains (**2**) is noted by the HER as being visible on aerial photographs dating from 1988. The area of rig and furrow cultivation lies to the immediate south of the proposed turbine; later aerial photographs dating from 2002-3 indicate that the northern part of the rig and furrow cultivation remains has been destroyed by modern ploughing. Other cultural heritage assets in the area comprise a number of farmsteads and dwellings (**3, 5, 7-13, 15**) which are depicted on the Ordnance Survey First Edition map of 1868. A corn mill (**14**) is also depicted on the Ordnance Survey First Edition map, the buildings remain occupied today, but the mill pond has been changed and extended and is now in use as a trout fishery. Four quarries, two of which are described as 'old gravel pit' (**16a & 16b**) and two of which are described as 'old quarry' (**16c & 16d**) are depicted on the Ordnance Survey Second Edition map (1904).

The RCAHMS Historic Landscape Assessment Map for the area suggests that the area was in use as rough grazing from the prehistoric period through to the 18th or 19th century when it was enclosed as rectilinear fields. Examination of historic cartographic sources supports this, indicating that up until the 18th century there was little activity in the area of Hill of Morphie, with Roy's Military Survey of 1747-55 depicting the area as unimproved land with no settlements or farmsteads. A number of farmsteads and other dwellings are depicted by the time of the First Edition Ordnance Survey map (1868), indicating the increasing

improvement of the land and increased settlement in the area. The location of the proposed turbine is marked as unimproved land on the First Edition Ordnance Survey map, but is now improved agricultural land.

The proposed turbine would be located to the north-east of Hill of Morphie Farm on the Hill of Morphie. There are no recorded archaeological remains at the location of the proposed turbine. Whilst an area of rig and furrow cultivation remains (2) is recorded to the south of the proposed turbine location, the northern part is believed to have been destroyed by modern ploughing, indicating that no remains are likely to survive in the immediate vicinity of the proposed turbine.

No direct impacts upon known cultural heritage features would result from the limited groundworks required for the construction of the turbine.

5. INDIRECT IMPACTS

Eleven scheduled monuments (one of which has elements which are Category B Listed and one of which has elements which are also Category B and Category C Listed), five Category A Listed Buildings, twenty Category B Listed Buildings and nineteen Category C Listed Buildings are located within 5km of the proposed turbine at Hill of Morphie and would have theoretical intervisibility with it (Figure 2, Appendix 2). No Inventory status Gardens and Designed Landscapes, Conservation Areas or Inventory status Historic Battlefields located within 5km of the proposed turbine would have intervisibility with it.

A list of these sites is presented as Appendix 2. The appendix also provides a summary assessment of the predicted effects on a site-by-site basis, using the criteria detailed in Tables 1 to 3 above. All predicted effects on the settings of external receptors would be long-term.

No sites are predicted to receive significant indirect effects as a result of the construction of the proposed turbine at Hill of Morphie.

6. CONCLUSIONS

There are no designated cultural heritage sites of national, regional or local significance at the location of the proposed turbine. An area of rig and furrow cultivation remains (2) located to the south of the proposed turbine location is not considered likely to extend as far north as the location of the proposed turbine. No direct impacts are predicted upon cultural heritage assets.

No significant indirect impacts upon cultural heritage resources have been predicted.

Due to the nature of the cultural heritage resource, it is recommended that no further work is required to mitigate the impact of development.

No significant residual effects are anticipated in relation to cultural heritage interests and the development proposals are considered to conform to the aims of national, regional and local planning policy with regard to cultural heritage.

7. REFERENCES & SOURCES CONSULTED

Historical maps

Ordnance Survey First Edition Map, 1868, *Kincardineshire*, Sheet XXVII, 6 inches to 1 mile

Ordnance Survey Second Edition Map, 1904, *Kincardineshire*, Sheet XXVII.SW, 6" to 1 mile.

Ordnance Survey Second Edition Map, 1904, *Kincardineshire*, Sheet XXX.NE & SE, 6" to 1 mile.

Ordnance Survey Second Edition Map, 1904, *Kincardineshire*, Sheet XXX.NW, 6" to 1 mile

Ordnance Survey , 1928, *Kincardineshire*, Sheet XVII.SW, 6" to 1 mile

Ordnance Survey, 1927, *Kincardineshire*, Sheet XXX.NW, 6" to 1 mile

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APPENDIX 1: Cultural Heritage Sites within 1km radius of the proposed turbine

<u>Site No.</u>	<u>Site Name and Type</u>	<u>Easting</u>	<u>Northing</u>	<u>HER No. / RCAHMS Database No.</u>	<u>Source(s)</u>	<u>Description</u>	<u>Importance</u>
1	North Snadon, Tower or Lairds House (possible site of)	372800	765700	NO76NW0060; NO76NW 7	HER; RCAHMS database;	The HER and RCAHMS database note this location as the possible site of a tower house or Laird's house. A lintel stone which is dated 1683 is now built into the steading of West Balhagarty is suggested to indicate the former existence of a tower or laird's house in the vicinity of the modern farms of North and South Snadon.	Local
2	Hill of Morpie, Remains of rig and furrow cultivation	372562	764791	NO76SW0080	HER	The HER records an area of rig and furrow which is visible on a vertical aerial photographs taken on 1988. On a later vertical photograph taken in 2002-3 the northern area of rigs appears to have been ploughed out.	Local (Lesser at northern end)
3	Brownhill of Morpie, Building	372763	764609	NO76SW0076	HER	The HER records that a building within a small enclosure is depicted at this location on the OS maps of 1867 and 1888. The Ordnance Survey 1 st Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) depicts three buildings and three wells within this field. Buildings are located in similar positions today, but it is unclear whether the buildings as depicted on the 1 st Edition map survive. The 2 nd Edition Ordnance Survey map depicts an additional building further to the west (in the adjacent field).	Unknown (Local)
4	Broomhill of Morpie, Enclosures, Longhouses (cropmarks)	372492	764127	NO76SW0062; NO76SW 50	HER; RCAHMS database	The HER and the RCAHMS database record the location of a series of linear and rectilinear cropmarks of possible enclosures and possible longhouses. The cropmarks are visible on aerial photographs AAS/93/13/G26/14-15, dating from 12 August 1993.	Local
5	Hill of Morpie, Buildings	372203	764638	NO76SW0034	HER	The HER records the location of two buildings which are depicted on the First and Second Edition 6" to 1 mile Ordnance Survey maps (1868 & 1904) set within a wooded enclosure. Today a later building appears to stand on the site of the smaller, most easterly	Local

<u>Site No.</u>	<u>Site Name and Type</u>	<u>Eastings</u>	<u>Northing</u>	<u>HER No. / RCAHMS Database No.</u>	<u>Source(s)</u>	<u>Description</u>	<u>Importance</u>
						building, although it is unknown if part of this is the original or not. The larger building to the west has gone.	
6	Morphie, cropmarks	371683	764848	NO76SW0012	HER	The HER records the location of some parallel linear cropmarks which are visible on aerial photographs.	Unknown
7	Sillycoats, Farmstead	372555	765615		Historic Maps	The Ordnance Survey First Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) depicts the farmstead of Sillycoats at this location. It comprises three buildings. A series of buildings in this location continue to be occupied, but it is unclear if these correspond with the buildings which were marked on the First Edition map.	Local
8	North Snadon, Farmstead	372865	765713		Historic Maps	The Ordnance Survey First Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) marks the farmstead of North Snadon, which continues to be occupied today.	Local
9	North Snadon, Building	372900	765483		Historic Maps	The Ordnance Survey First Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) marks a small roofed building located within an area of forestry to the south of North Snadon farmstead. The building is not visible on modern aerial photography, and it is unknown whether any remains of it survive.	Unknown (Local)
10	South Snadon, Farmstead	373163	765480		Historic Maps	The Ordnance Survey First Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) marks the farmstead of South Snadon, which continues to be occupied today.	Local
11	Snadon Parks, Buildings	373336	765157		Historic Maps	The Ordnance Survey First Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) marks two buildings at this location with a well to the north. The buildings are named as Snadon Parks. The area is now in use as an agricultural field and no remains of the buildings are visible on modern aerial photography.	Local

<u>Site No.</u>	<u>Site Name and Type</u>	<u>Easting</u>	<u>Northing</u>	<u>HER No. / RCAHMS Database No.</u>	<u>Source(s)</u>	<u>Description</u>	<u>Importance</u>
12	Whitehill, Buildings	373433	764997		Historic Maps	The Ordnance Survey First Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) marks three buildings at this location (at 373397 764989, 373433 764997 and 373494 764969). The Second Edition Map (Ordnance Survey, Kincardineshire Sheet XXX.NE & SE, 1904, 6" to 1 mile) shows only the most westerly of these buildings. The area is now in use as an agricultural field and no remains of the buildings are visible on modern aerial photography.	Local
13	Lochside, buildings	373257	764522		Historic Maps	The Ordnance Survey First Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) depicts two roofed buildings set within an enclosure at this location. The Second Edition map (Kincardineshire Sheet XXX.NE & SE, 1904, 6" to 1 mile) labels the buildings as Kennels. The enclosure which contains some buildings remains today and is visible on modern aerial photography, but it is not clear whether these buildings correspond with those marked on the First Edition map.	Local
14	Mill of Criggie	372544	765902		Historic Maps	The Ordnance Survey First Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) depicts Mill of Criggie at this location. The map indicates that the mill was used for corn. The mill building is depicted with a U-shaped range of buildings further to the north. A sluice and mill pond are depicted to the south of the mill buildings (at 372599 765861). Modern aerial photography continues to indicate buildings at this location, but the mill pond has now been changed and extended and the site is now used as a trout fishery.	Local

<u>Site No.</u>	<u>Site Name and Type</u>	<u>Easting</u>	<u>Northing</u>	<u>HER No. / RCAHMS Database No.</u>	<u>Source(s)</u>	<u>Description</u>	<u>Importance</u>
15	Denhead	372452	765949		Historic Maps	The Ordnance Survey First Edition map (Kincardineshire, Sheet XXVII, 1868, 6" to 1 mile) depicts Denhead at this location; it comprises two buildings with a well marked to the west. Modern aerial photography continues to indicate a building at this location.	Local
16	Quarries	372214	764908		Historic Maps	The Ordnance Survey Second Edition map (Kincardineshire, Sheet XXX.NW, 1904, 6" to 1 mile) depicts two features (16a at 372214 764908 and 16b at 372649 765083) described as 'old gravel pit and two features (16c at 372516 765446 and 16d at 373250 765567) described as 'old quarry'	Negligible

APPENDIX 2: Cultural heritage assets within 5km radius of the proposed turbine with predicted visibility

<u>Site No.</u>	<u>Site Name</u>	<u>Status</u>	<u>Easting</u>	<u>Northing</u>	<u>Distance to turbine (km)</u>	<u>Importance of Cultural Heritage Asset</u>	<u>Baseline Setting of Cultural Heritage Asset</u>	<u>Magnitude of Impact</u>	<u>Significance of Impact</u>
3313	Canterland, cairn N of	Scheduled Monument	370602	765343	2.0	National	Remains of a cairn approximately 9m in diameter and 0.7m high surrounded by a ditch and outer bank. The north-western side is now enclosed by an area of woodland which limits views. The proposed turbine would be visible in a narrow arc of view to the east.	Low	Minor
6102	Little Kinnaber, palisaded enclosure 150m W of	Scheduled Monument	372596	762095	2.9	National	Site is visible only as a cropmark on aerial photography.	None	None
6103	Fisherhills, fort 150m WNW of	Scheduled Monument	372756	762188	2.8	National	Site is visible only as a cropmark on aerial photography.	None	None
6104	Fisherhills, barrow cemetery	Scheduled Monument	372864	762165	2.9	National	Site is visible only as a cropmark on aerial photography.	None	None
6132	Dubton, unenclosed settlement NW of	Scheduled Monument	370251	760668	4.9	National	Site is visible only as a cropmark on aerial photography.	None	None
6133	Dubton, unenclosed settlement 200m ENE of	Scheduled Monument	370521	760713	4.8	National	Site is visible only as a cropmark on aerial photography.	None	None
6134	Dryleys, souterrain 150m NW of	Scheduled Monument	370652	760869	4.6	National	Site is visible only as a cropmark on aerial photography.	None	None
6135	Dryleys, ring ditch 350m NW of	Scheduled Monument	370505	761054	4.5	National	Site is visible only as a cropmark on aerial photography.	None	None
6435	Tower of Johnston, cairn and tower	Scheduled Monument	372672	769182	4.2	National	Remains of a Bronze Age cairn, which is surmounted by the 19 th century Tower of Johnston. The	Imperceptible	Minor

<u>Site No.</u>	<u>Site Name</u>	<u>Status</u>	<u>Easting</u>	<u>Northing</u>	<u>Distance to turbine (km)</u>	<u>Importance of Cultural Heritage Asset</u>	<u>Baseline Setting of Cultural Heritage Asset</u>	<u>Magnitude of Impact</u>	<u>Significance of Impact</u>
							cairn and tower are located in a prominent position. Natural topography means there are limited views to the south and towards the proposed turbine.		
9743 / 16317	St Cyrus, Old Parish Church / St Cyrus, St Cyrus Parish Church, Churchyard With Old Parish Church	Scheduled Monument / Category B Listed Building	375048	764779	2.5	National	Localised setting within graveyard of new church, and within St Cyrus	None	None
10344 / 11179 / 13739	Church of Logie, 210m NE of Mains of Logie / Church of Logie / Church of Logie Churchyard	Scheduled Monument / Category B Listed Building / Category C Listed Building	370557	763518	2.5	National	Localised setting within own churchyard.	None	None
11177/ 13891	Marykirk Bridge	Category A Listed Building	368597	765008	4.0	National	Localised setting crossing the River North Esk, and in relation to the Marykirk Bridge Tollhouse.	None	None
11178	Marykirk Bridge, Tollhouse	Category A Listed Building	368549	764977	4.0	National	Localised setting to the south-west of Marykirk Bridge and in relation to the River North Esk.	None	None
16328	Forebank & Forebank House, Steading	Category A Listed Building	370095	764722	2.5	National	Localised setting among other farm buildings and within surrounding agricultural land.	None	None
17762	Kinnaber, House Of Kinnaber	Category A Listed Building	372560	761751	3.3	National	Set within own grounds. Key views directed to the east, across the formal gardens, and to the south. Views from ground level to the north, towards the proposed	Imperceptible	Minor

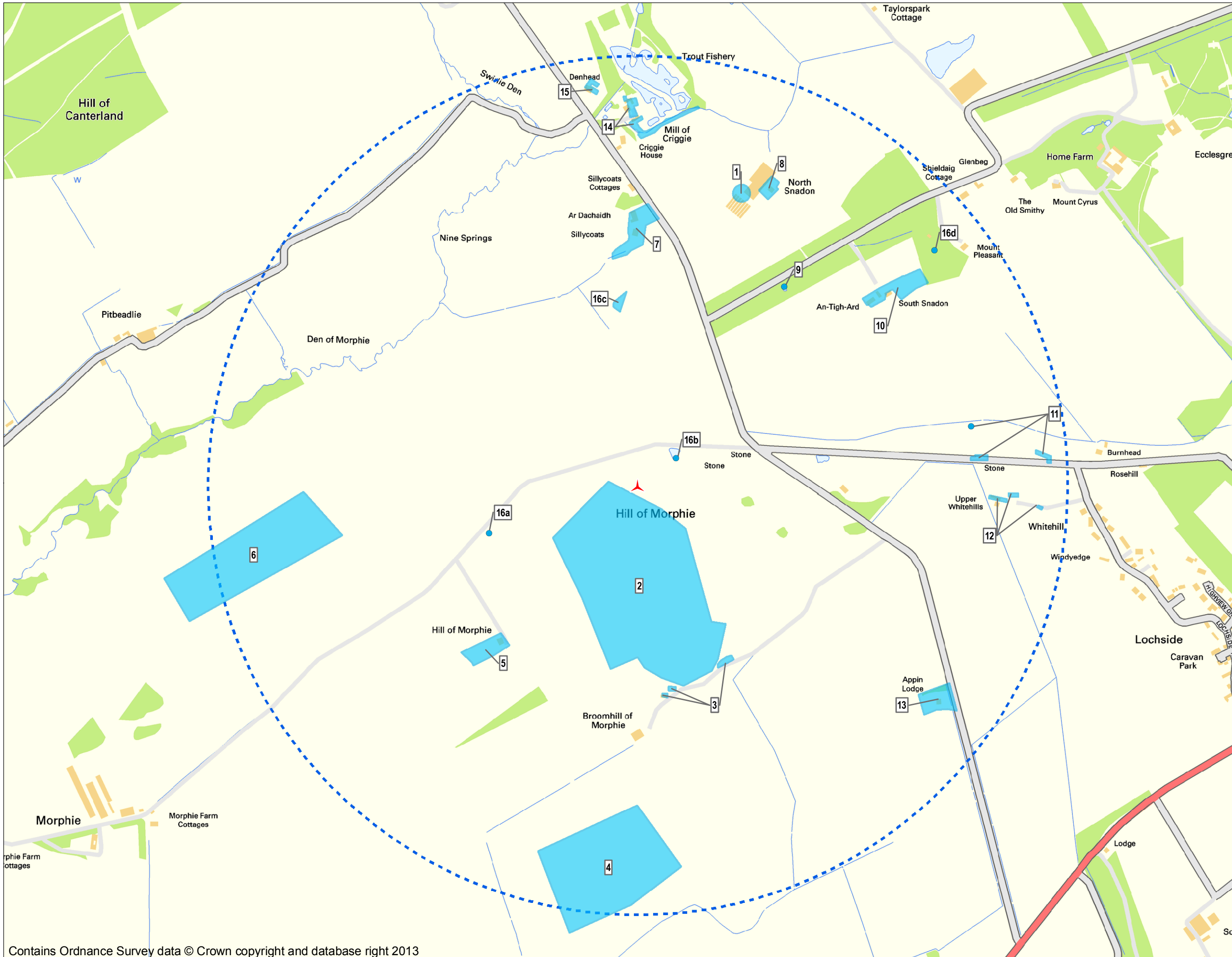
<u>Site No.</u>	<u>Site Name</u>	<u>Status</u>	<u>Easting</u>	<u>Northing</u>	<u>Distance to turbine (km)</u>	<u>Importance of Cultural Heritage Asset</u>	<u>Baseline Setting of Cultural Heritage Asset</u>	<u>Magnitude of Impact</u>	<u>Significance of Impact</u>
							turbine, partially screened by mature deciduous woodland belt within the grounds of the house. Proposed turbine may be visible beyond these trees from upper storeys of house. No effect on appreciation of architecture of building.		
50209	Logie Schoolhouse, Former U.F. Church	Category A Listed Building	369808	763554	3.1	National	A rare and remarkably complete example of the use of clay as a vernacular building material. Setting is the village of Logie.	None	None
16318	St Cyrus, School Wynd, St Cyrus Primary School	Category B Listed Building	374976	764725	2.4	Regional	Localised setting within village of St Cyrus	None	None
16323	St Cyrus, Ecclesgreig House, Terrace, Steps And Garden Ornaments	Category B Listed Building	373797	765858	1.5	Regional	Set within own grounds which are currently being restored. Key views from the house are to the north-west and south-east.	Imperceptible	Negligible
16329	Mill Of Morphie, Old Mill House	Category B Listed Building	371363	762826	2.5	Regional	Localised setting in relation to mill buildings.	None	None
16332	St Cyrus, Kirkside House	Category B Listed Building	373873	763683	1.9	Regional	Localised setting in own gardens.	None	None
16333	St Cyrus, Kirkside House, Dovecot	Category B Listed Building	373785	763645	1.8	Regional	Localised setting in relation to Kirkside House.	None	None
17688	House Of Kinnaber, Doocot	Category B Listed Building	372678	761845	3.2	Regional	Localised setting within the grounds of House of Kinnaber	None	None

<u>Site No.</u>	<u>Site Name</u>	<u>Status</u>	<u>Easting</u>	<u>Northing</u>	<u>Distance to turbine (km)</u>	<u>Importance of Cultural Heritage Asset</u>	<u>Baseline Setting of Cultural Heritage Asset</u>	<u>Magnitude of Impact</u>	<u>Significance of Impact</u>
17689	Fisherhills, Fishing Station, Cottages & Store	Category B Listed Building	372932	762147	2.9	Regional	Localised setting in relation to Ice House and in relation to the River North Esk.	None	None
17690	Fisherhills, Fishing Station, Ice House	Category B Listed Building	372913	762197	2.8	Regional	Localised setting in relation to Ice House and in relation to the River North Esk	None	None
17738	Rosemount House	Category B Listed Building	369995	761619	4.3	Regional	Set within own grounds which are enclosed by mature trees.	Imperceptible	Negligible
17740	Rosemount House, Stables	Category B Listed Building	369896	761645	4.3	Regional	Localised setting in relation to Rosemount House and grounds.	None	None
17741	Rosemount House, West Lodge	Category B Listed Building	369731	761564	4.5	Regional	Localised setting in relation to Rosemount House	None	None
17750	Hillside, Gayfield House	Category B Listed Building	370793	761269	4.1	Regional	Localised setting within own grounds.	None	None
17751	Hillside, Gayfield House, Walled Garden	Category B Listed Building	370839	761195	4.2	Regional	Localised setting in relation to Gayfield House	None	None
17752	Montrose, Hillside, Sunnyside Royal Hospital	Category B Listed Building	370780	761736	3.7	Regional	Localised setting within own grounds.	None	None
17755	Charleton House	Category B Listed Building	371885	760821	4.3	Regional	This house has been demolished.	None	None
17758	Charleton Farm, Steading	Category B Listed Building	371830	761149	3.9	Regional	Localised setting within the grounds of the former Charleton House	None	None
17759	Charleton Farm, Old Farmhouse	Category B Listed	371776	761111	4.0	Regional	Localised setting in relation to Charleton Farm, and in relation to	None	None

<u>Site No.</u>	<u>Site Name</u>	<u>Status</u>	<u>Eastings</u>	<u>Northing</u>	<u>Distance to turbine (km)</u>	<u>Importance of Cultural Heritage Asset</u>	<u>Baseline Setting of Cultural Heritage Asset</u>	<u>Magnitude of Impact</u>	<u>Significance of Impact</u>
		Building					the former Charleton House		
17760	Charleton House, Lodge	Category B Listed Building	372211	760579	4.5	Regional	This building has been demolished.	None	None
17761	Kinnaber, Rose Cottage	Category B Listed Building	372170	761631	3.4	Regional	Localised setting within own gardens.	None	None
19823	Charleton House, Woodside Cottage	Category B Listed Building	372344	761252	3.8	Regional	Estate house of the former Charleton House. Localised setting in relation to former Charleton House.	None	None
11180	Craig School	Category C Listed Building	368822	763941	3.9	Local	Localised setting with village of North Craig.	None	None
11181	Craig House, East Gate-Piers And Gates	Category C Listed Building	369445	762945	3.7	Local	Localised setting at entrance to grounds of Craig House	None	None
11182	Craig House, Coach House	Category C Listed Building	368869	762635	4.4	Local	Localised setting within own policies	None	None
11183	Craig House, Walled Garden	Category C Listed Building	368958	762787	4.2	Local	Localised setting within grounds of Craig House	None	None
16276	Cobleheugh, Railway Bridge	Category C Listed Building	368281	766000	4.4	Local	Localised setting in relation to railway line and road.	None	None
16277	Mains Of Kirktonhill	Category C Listed Building	369677	766247	3.1	Local	Set among other farm buildings.	None	None
16319	St Cyrus, Kirkton House	Category C Listed Building	374859	764557	2.3	Local	Localised setting within St Cyrus	None	None

<u>Site No.</u>	<u>Site Name</u>	<u>Status</u>	<u>Easting</u>	<u>Northing</u>	<u>Distance to turbine (km)</u>	<u>Importance of Cultural Heritage Asset</u>	<u>Baseline Setting of Cultural Heritage Asset</u>	<u>Magnitude of Impact</u>	<u>Significance of Impact</u>
16320	St Cyrus, Kirkgate House	Category C Listed Building	374964	764809	2.4	Local	Localised setting within St Cyrus	None	None
16321	St Cyrus, Ecclesgreig Road, Burnside House	Category C Listed Building	374593	764964	2.0	Local	Localised setting within St Cyrus	None	None
16324	Lauriston Castle	Category C Listed Building	376126	766600	3.9	Local	Set within own grounds.	None	None
16334	St Cyrus, Kirkside House, Gate Piers	Category C Listed Building	373630	764161	1.4	Local	Localised setting in relation to Kirkside House	None	None
17739	Rosemount House, Walled Garden	Category C Listed Building	369865	761572	4.4	Local	Localised setting in relation to Rosemount House	None	None
17745	Dubton House	Category C Listed Building	370319	760639	4.9	Local	Localised setting within own grounds.	None	None
17753	Montrose, Hillside, Sunnyside Royal Hospital, Carnegie House	Category C Listed Building	370973	761784	3.6	Local	Localised setting within own grounds	None	None
17756	Charleton House, Icehouse	Category C Listed Building	371965	761010	4.1	Local	Located within woodland policies of the former Charleton House	None	None
17757	Charleton House, Walled Garden	Category C Listed Building	371917	761053	4.0	Local	Remains in use for gardening with modern greenhouses located inside.	None	None
17763	Kinnaber, House Of Kinnaber, Walled Garden	Category C Listed Building	372616	761729	3.3	Local	Localised setting in relation to House of Kinnaber.	None	None

<u>Site No.</u>	<u>Site Name</u>	<u>Status</u>	<u>Easting</u>	<u>Northing</u>	<u>Distance to turbine (km)</u>	<u>Importance of Cultural Heritage Asset</u>	<u>Baseline Setting of Cultural Heritage Asset</u>	<u>Magnitude of Impact</u>	<u>Significance of Impact</u>
49198	St Cyrus, Main Road, St Cyrus Uf Church	Category C Listed Building	374733	764928	2.2	Local	Localised setting within St Cyrus	None	None
51643	Hillside, Former Kinnaber Water Works	Category C Listed Building	371199	761906	3.4	Local	Former waterworks to provide clean water for Montrose. Other associated structures such as reservoirs are no longer present.	None	None



- Key**
- Turbine Location
 - 1km Buffer
 - Cultural Heritage Site (point)
 - Cultural Heritage Site (area)

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Fig. No	1	Revision
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Title
Cultural Heritage: Constraints

Project
Hill of Morpie Single Turbine

Scale at A3
1:8,000

Client
Engena

Scale at A3
1:8,000

Client
Engena

Drawn by: SW
 Checked by: HT
 Report No:

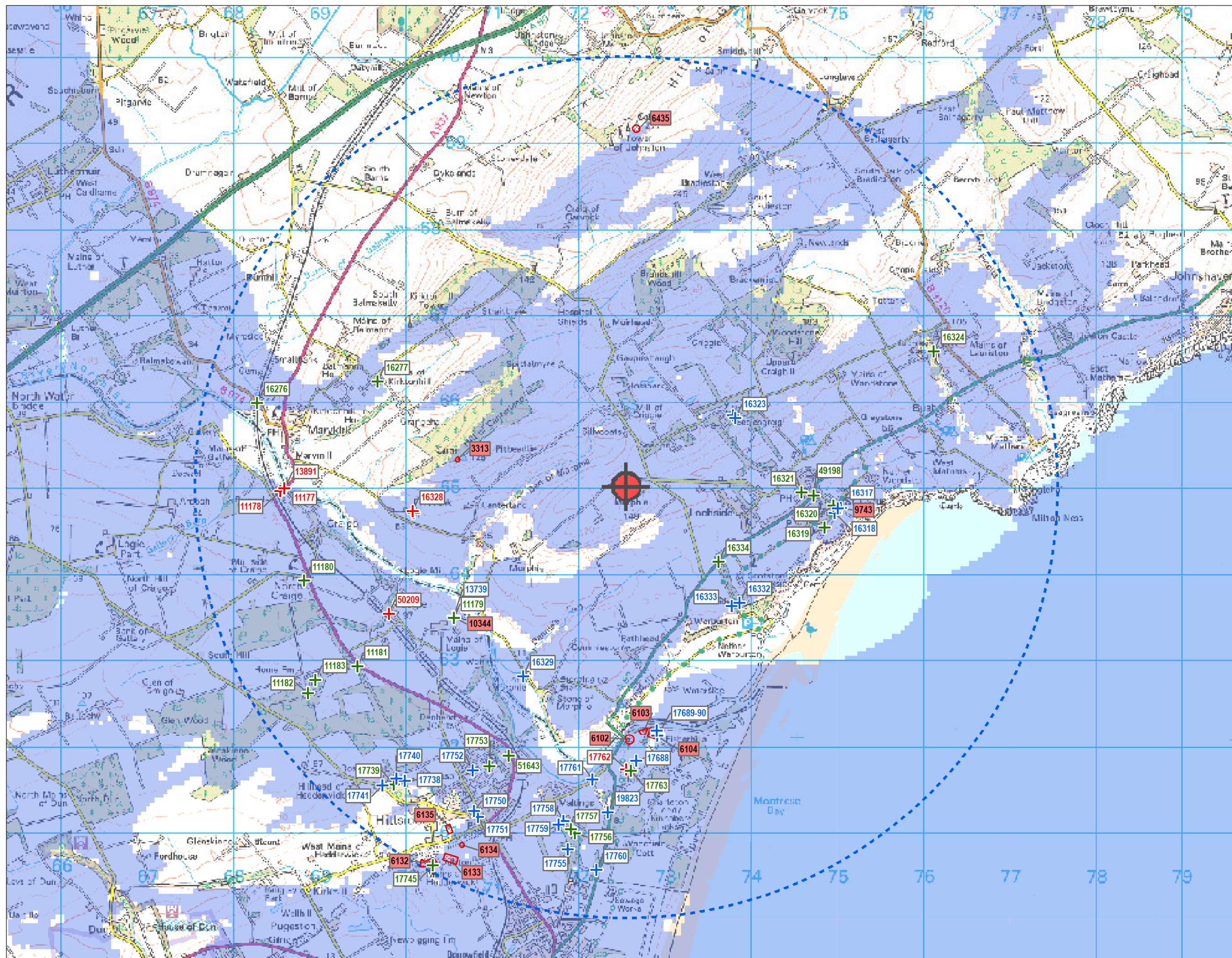
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- Key**
- Turbine Location
 - 5km Buffer
 - Scheduled Monument
 - Listed Building Category A
 - Listed Building Category B
 - Listed Building Category C
 - Area where turbine will be visible



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Fig. No	2	Revision	
Title	Cultural Heritage: External Constraints		
Project	Hill of Morpie Single Turbine		
Scale at A3	1:40,000		
Client	Engena		

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