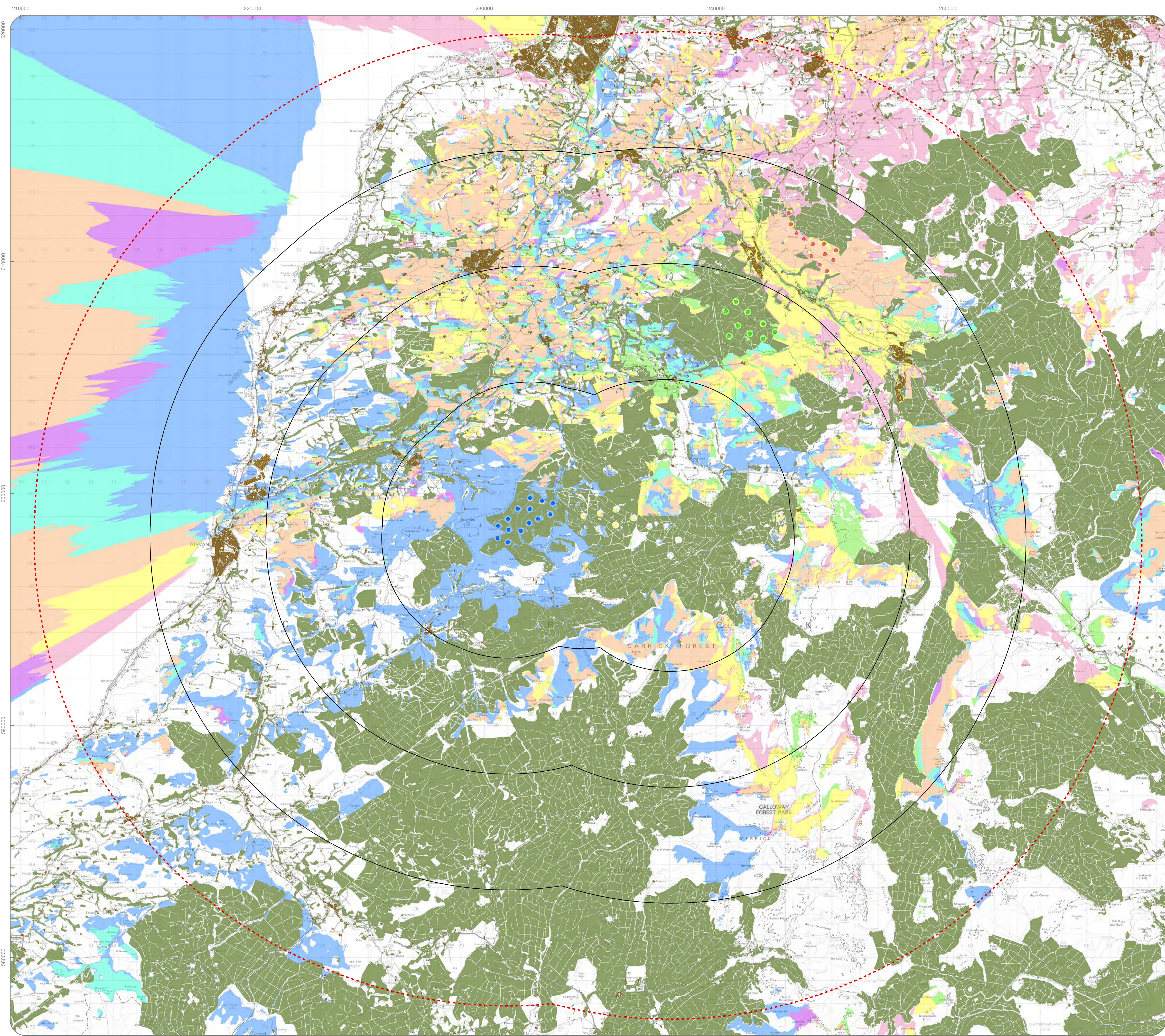




Legend

- Craiginmoddie Turbine
- Knockkippen Turbine
- Scienteuch Turbine

- 5km Radii
- 20km Study Area

- Building
- Woodland

Cumulative ZTV

Theoretical Visibility

- Craiginmoddie
- Knockkippen
- Scienteuch
- Craiginmoddie and Knockkippen
- Craiginmoddie and Scienteuch
- Knockkippen and Scienteuch
- Craiginmoddie, Knockkippen and Scienteuch

*ZTV shows the theoretical visibility when screening from woodland and buildings (both defined by OS OpenMap Local) are included in the surface model. Woodland and buildings are indicatively modelled at 15 and 7.5m in height as a working average to inform the visibility calculation and do not factor in variations in woodland and buildings heights that occur in reality.

Site 1: Craiginmoddie Blade tip: 200m		Site 2: Knockkippen Blade tip: 150-180m		Site 3: Scienteuch Blade tip: 180-200m	
Blade Tip:		200m	Observer height:		2m
DSM:		OS T5/T50	Surface features:		Included*
DSM resolution:		10m	Earth curvature:		Included



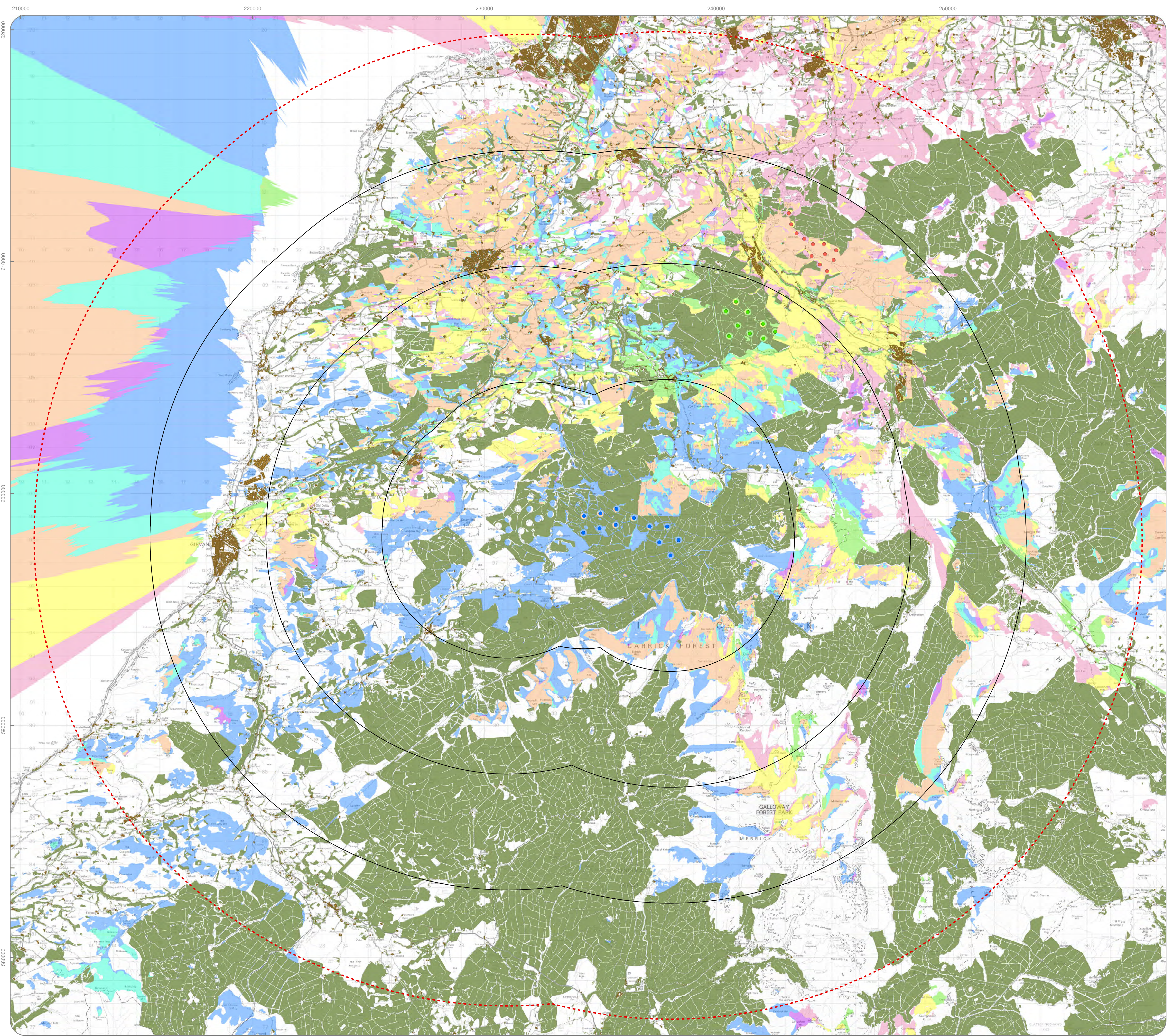
CRAIGINMODDIE, CARRICK AND KNOCKCRONAL WIND FARMS PLI

Figure AI 17
Screened Blade Tip ZTV
Craiginmoddie, Knockkippen and Scienteuch

Ref No: 201488 Created By: CS Rev No: 1

Scale: 1:80,000 Drawing Size: A1 Date: 21/02/2023

Coordinate System: BNG OS GB 1936 Datum



Legend

- Carrick Turbine
- Knockkippen Turbine
- Scleteuch Turbine
- 5km Radii
- 20km Study Area
- Building
- Woodland
- Cumulative ZTV
- Theoretical Visibility
 - Carrick
 - Knockkippen
 - Scleteuch
 - Carrick and Knockkippen
 - Carrick and Scleteuch
 - Knockkippen and Scleteuch
 - Carrick, Knockkippen and Scleteuch

*ZTV shows the theoretical visibility when screening from woodland and buildings (both defined by OS OpenMap Local) are included in the surface model. Woodland and buildings are indicatively modelled at 15 and 7.5m in height as a working average to inform the visibility calculation and do not factor in variations in woodland and buildings heights that occur in reality.

Site 1: Carrick Blade tip: 200m		Site 2: Knockkippen Blade tip: 150-180m		Site 3: Scleteuch Blade tip: 180-200m	
Blade Tip:		200m	Observer height:		2m
DSM:		OS T5/T50	Surface features:		Included*
DSM resolution:		10m	Earth curvature:		Included

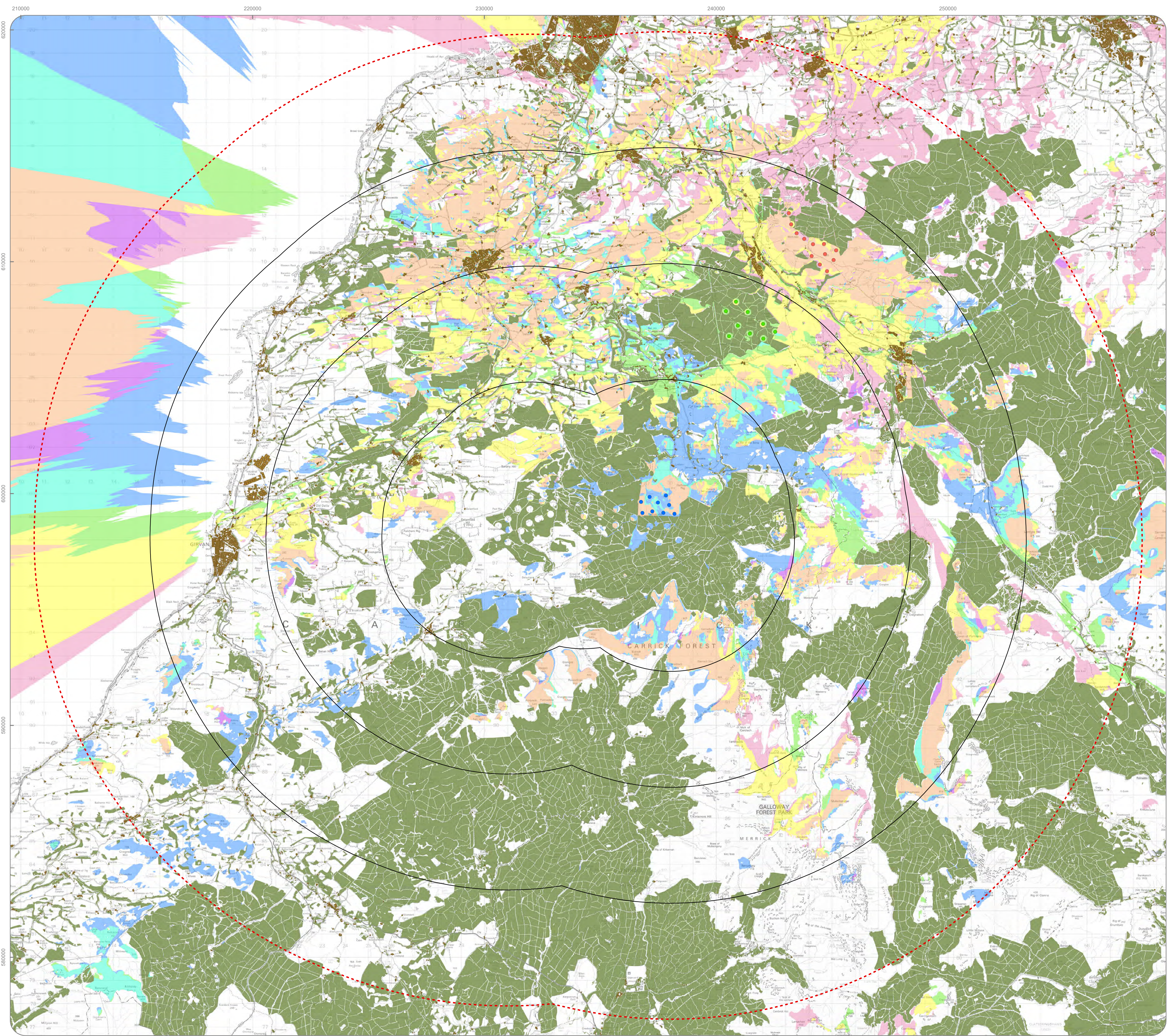


CRAIGINMODDIE, CARRICK AND KNOCKCRONAL WIND FARMS PLI

Figure AI 18
Screened Blade Tip ZTV
Carrick, Knockkippen and Scleteuch

Ref No:	201488	Created By:	CS	Rev No:	1
Scale:	1:80,000	Drawing Size:	A1	Date:	21/02/2023

Coordinate System: BNG OS GB 1936 Datum



Legend

- Knockcronal Turbine
- Knockkippen Turbine
- Scienteuch Turbine
- 5km Radii
- 20km Study Area
- Building
- Woodland
- Cumulative ZTV
- Theoretical Visibility
 - Knockcronal
 - Knockkippen
 - Scienteuch
 - Knockcronal and Knockkippen
 - Knockcronal and Scienteuch
 - Knockkippen and Scienteuch
 - Knockcronal, Knockkippen and Scienteuch

*ZTV shows the theoretical visibility when screening from woodland and buildings (both defined by OS OpenMap Local) are included in the surface model. Woodland and buildings are indicatively modelled at 15 and 7.5m in height as a working average to inform the visibility calculation and do not factor in variations in woodland and buildings heights that occur in reality.

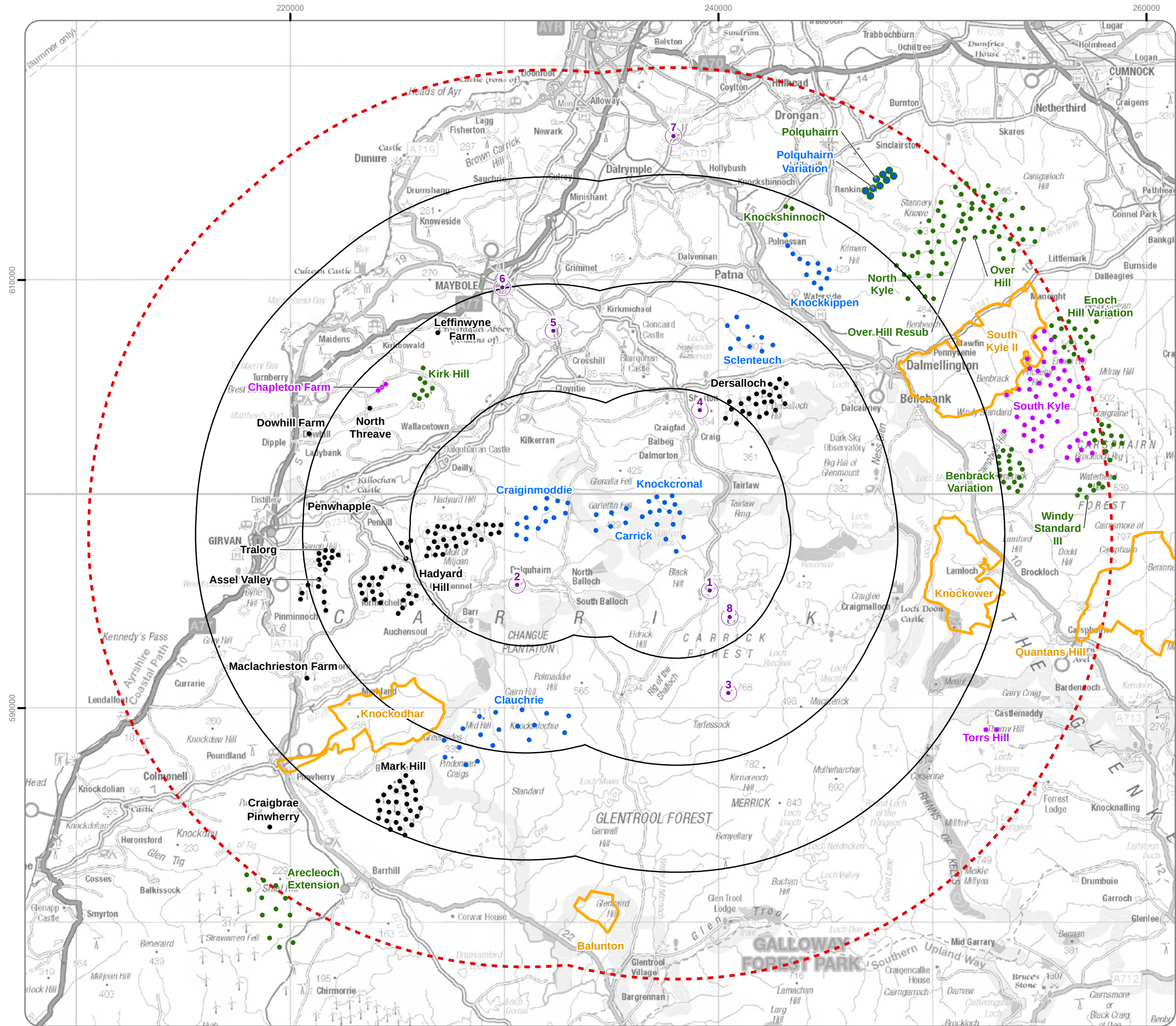
Site 1: Knockcronal Blade tip: 180-200m		Site 2: Knockkippen Blade tip: 150-180m		Site 3: Scienteuch Blade tip: 180-200m	
Blade Tip:		200m	Observer height:		2m
DSM:		OS T5/T50	Surface features:		Included*
DSM resolution:		10m	Earth curvature:		Included



CRAIGINMODDIE, CARRICK AND KNOCKCRONAL WIND FARMS PLI

Figure AI 19
Screened Blade Tip ZTV
Knockcronal, Knockkippen and Scienteuch

Ref No:	201488	Created By:	CS	Rev No:	1
Scale:	1:80,000	Drawing Size:	A1	Date:	21/02/2023
Coordinate System:	BNG OS GB 1936 Datum				



Legend

- 5km Radii
- 20km Study Area
- Viewpoints
 - 1 - Road near Stinchar
 - 2 - Minor Road between Barr and South Balloch
 - 3 - Shalloch on Minnoch
 - 4 - Craigengower Monument
 - 5 - B7023 North of Gartlea Farm
 - 6 - Maybole
 - 7 - A713 and B742 Road Junction
 - 8 - Cornish Hill

Cumulative Wind Farms (09/01/2023)

Status

- Operational
- Under Construction
- Consented
- Appeal; Application
- Scoping



KNOCKCRONAL WIND FARM

Figure AI 20
Craiginmoddie, Carrick and Knockcronal
Cumulative Update with Viewpoints

Ref No: 201488	Created By: CS	Rev No: 3
Scale: 1:180,000	Drawing Size: A3	Date: 21/02/2023
Coordinate System: BNG OS GB 1936 Datum		

