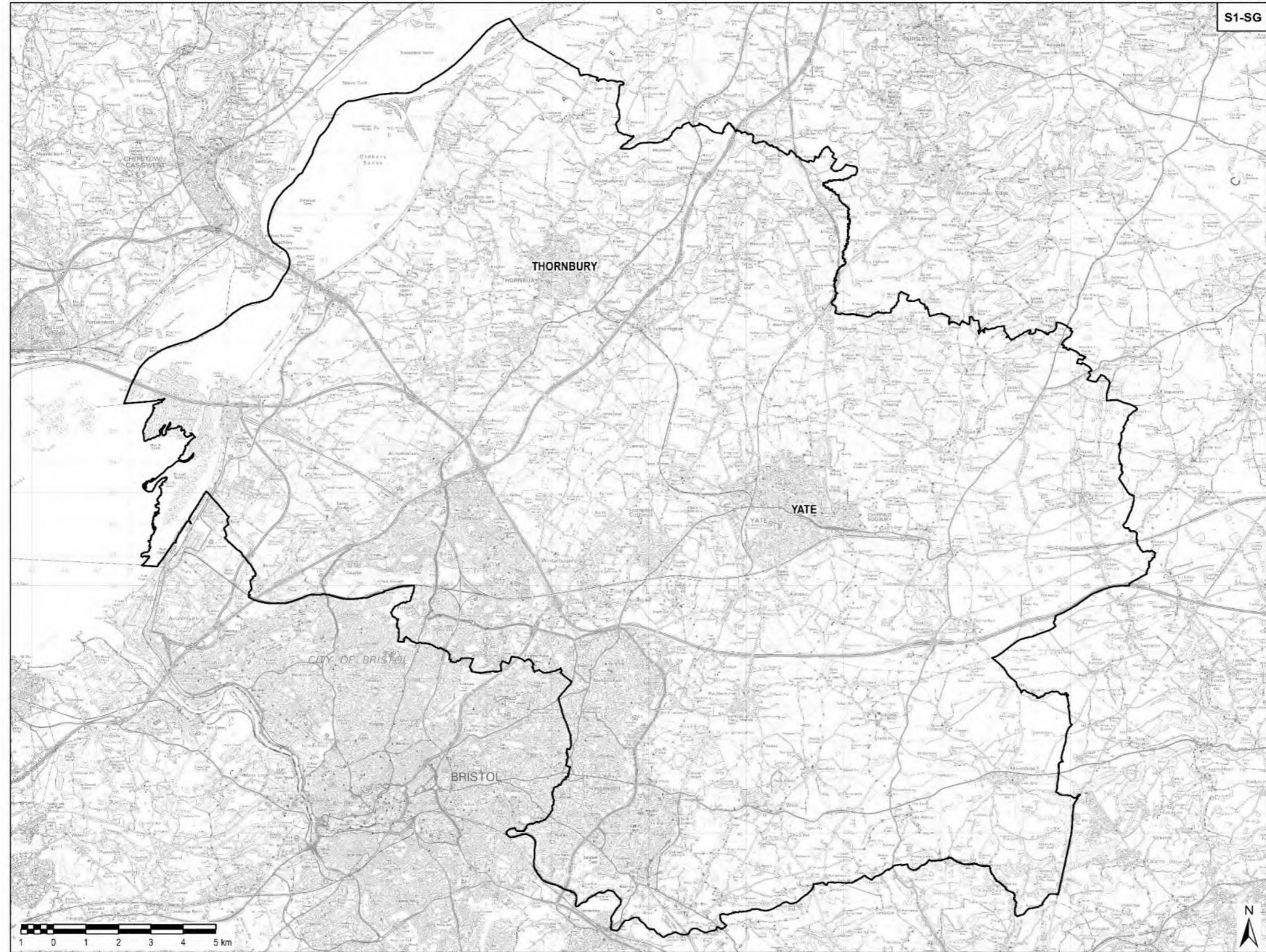


S1-SG: South Gloucestershire Boundary



S1-SG



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LEGEND
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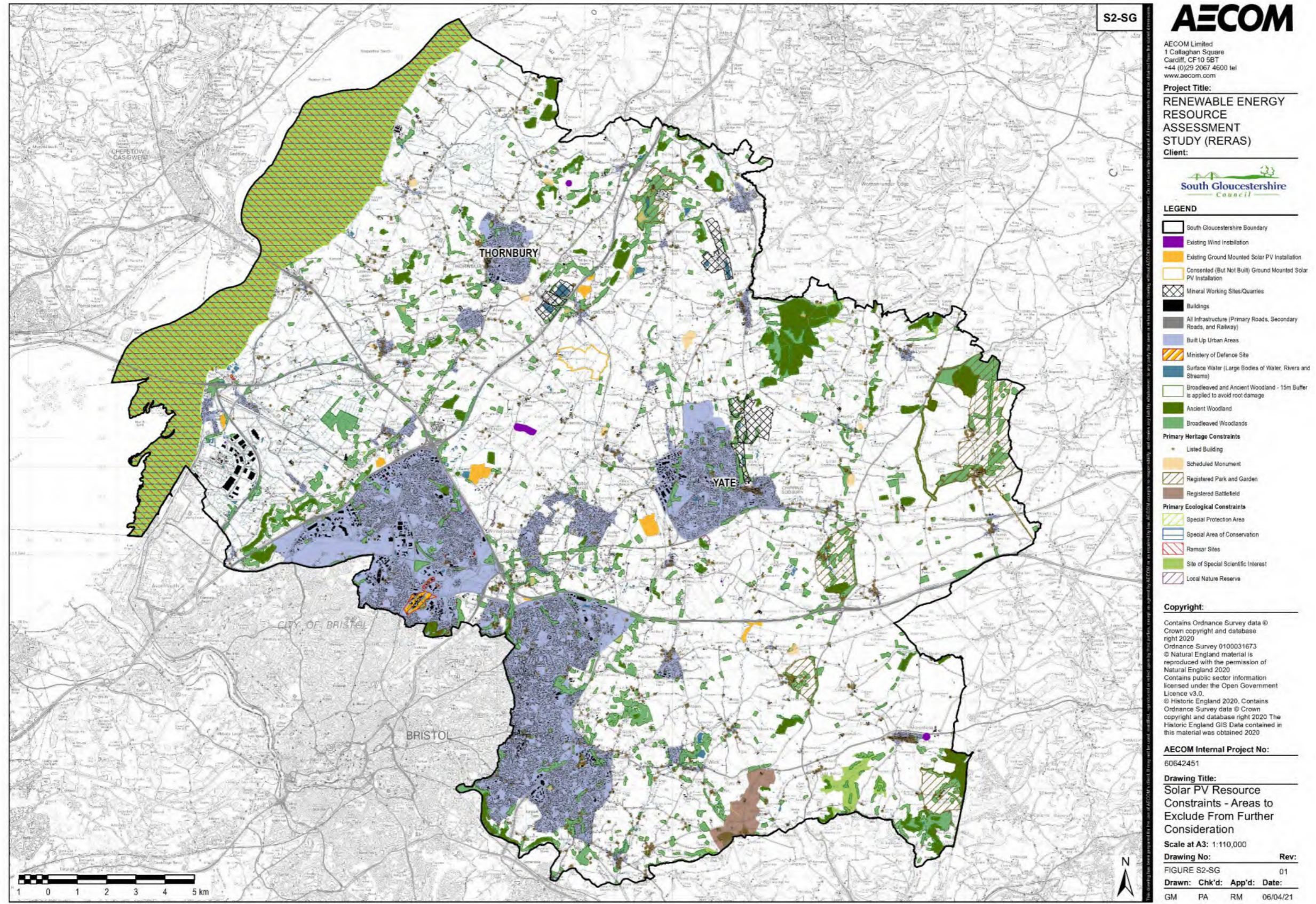
AECOM Internal Project No:
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Drawing Title:
South Gloucestershire
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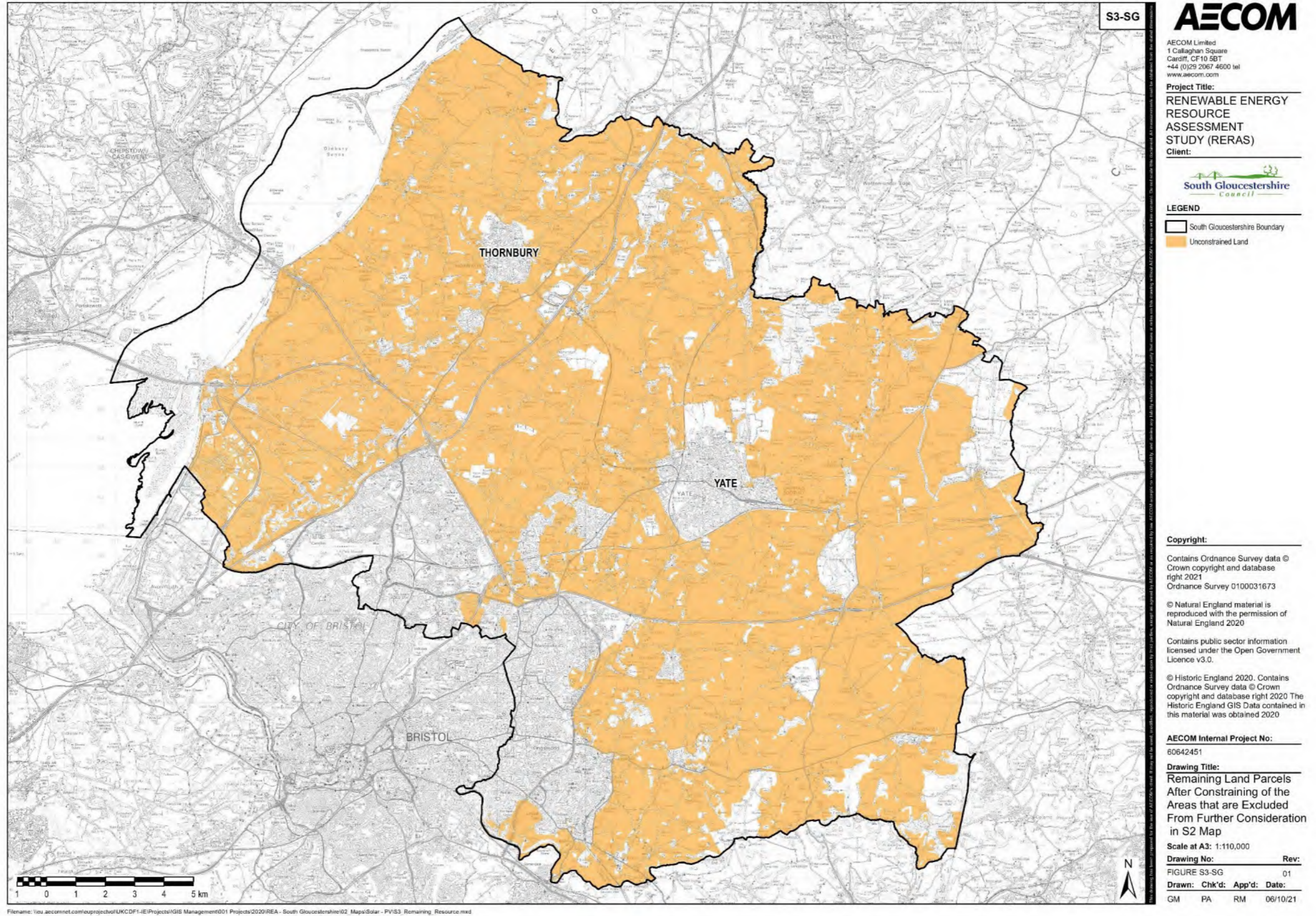
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Drawing No: FIGURE S1-SG
Rev: 01
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GM PA RM 26/03/21

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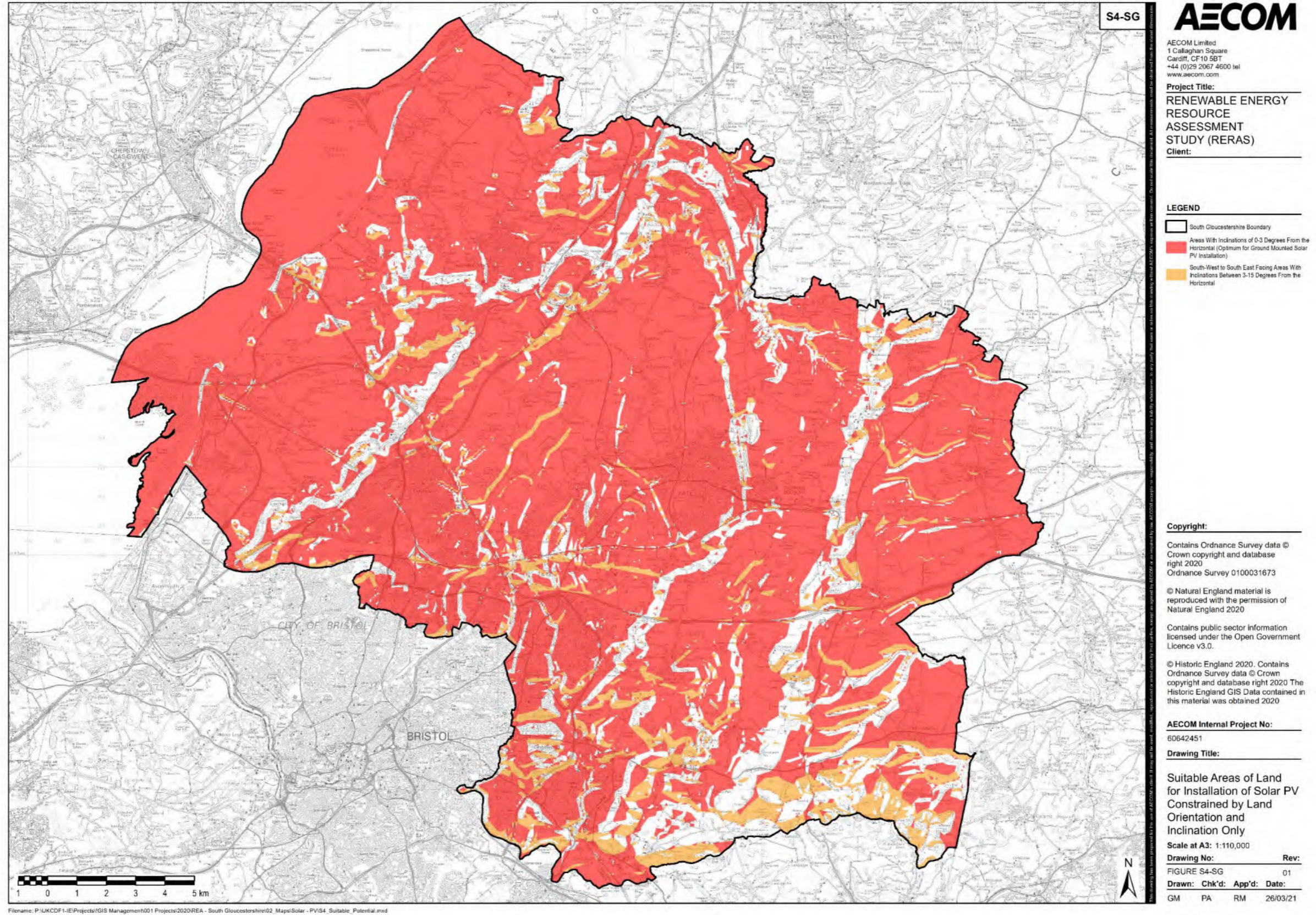
S2-SG: Solar PV Resource Constraints - Areas to Exclude from Further Consideration



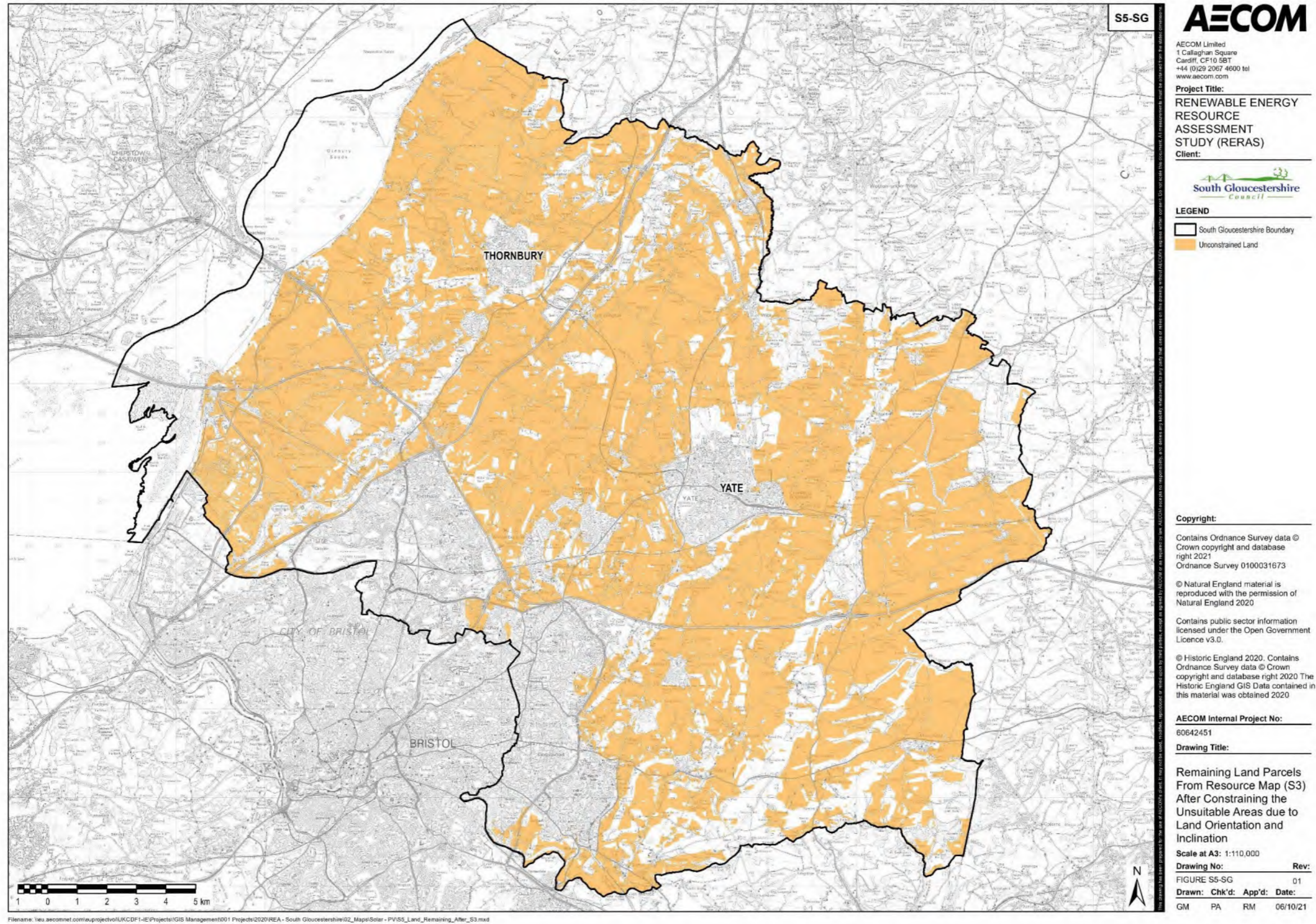
S3-SG: Remaining Land Parcels After Constraining of the Areas that are Excluded from Further Consideration in S2 Map



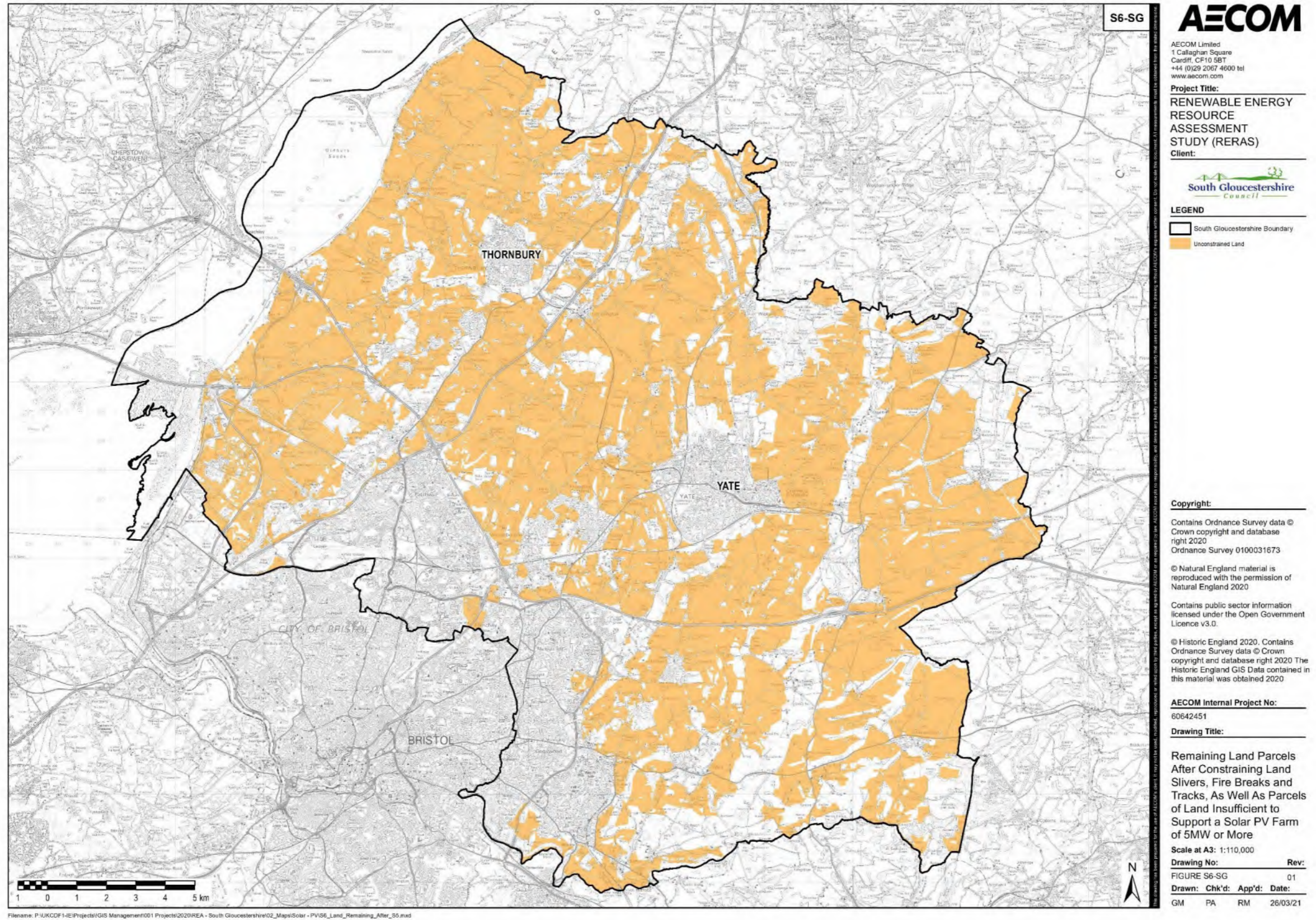
S4-SG: Suitable Areas of Land for Installation of Solar PV Constrained by Land Orientation and Inclination Only



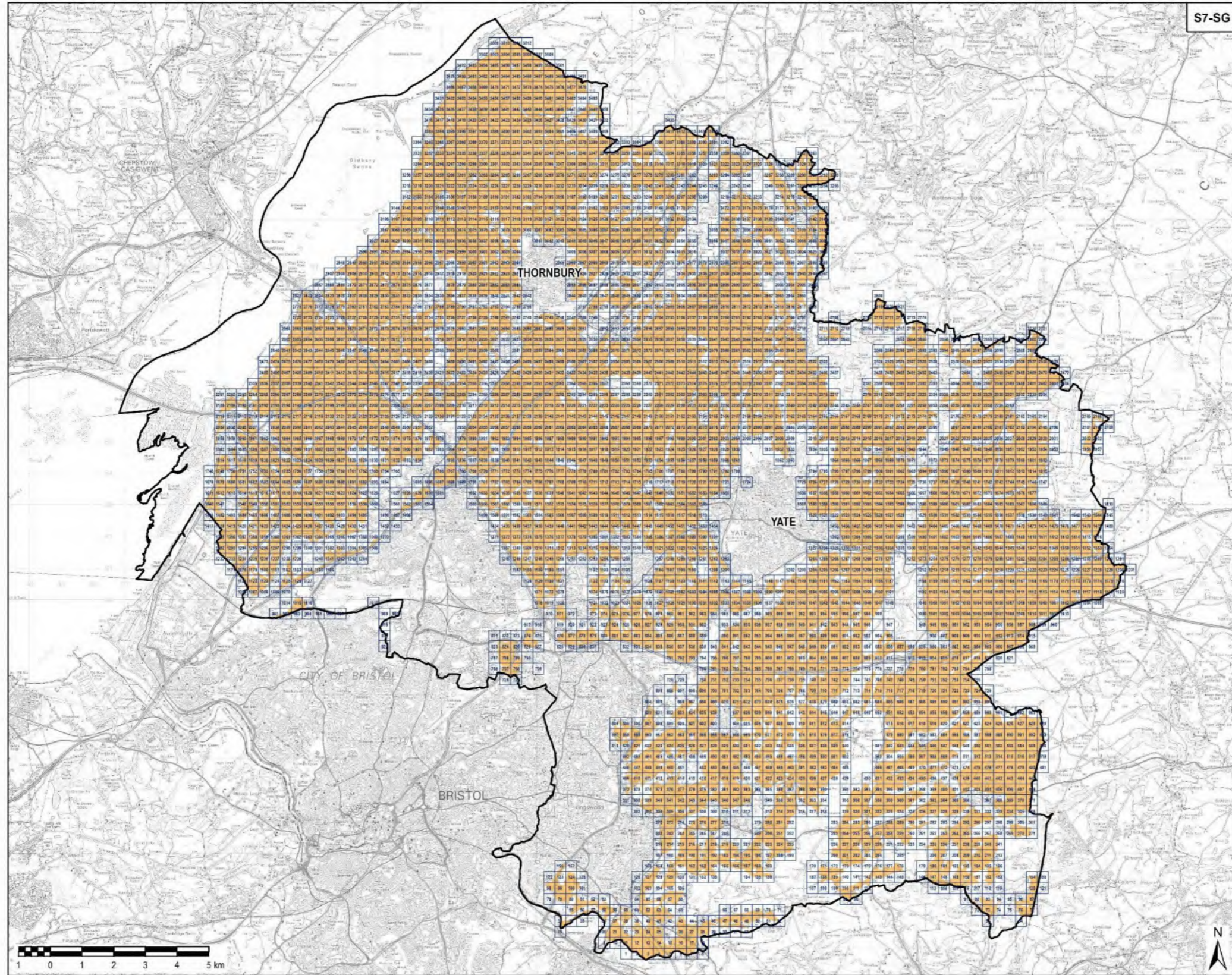
S5-SG: Remaining Land Parcels from Resource Map (S3) After Constraining the Unsuitable Areas due to Land Orientation and Inclination



S6-SG: Remaining Land Parcels After Constraining Land Slivers, Fire Breaks and Tracks, As Well As Parcels of Land Insufficient to Support a Solar PV Farm of 5MW or More



S7-SG: Solar PV Search Areas in South Gloucestershire



S7-SG



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LEGEND
South Gloucestershire Boundary
Search Areas - Equal to SMW Capacity
Unconstrained Land

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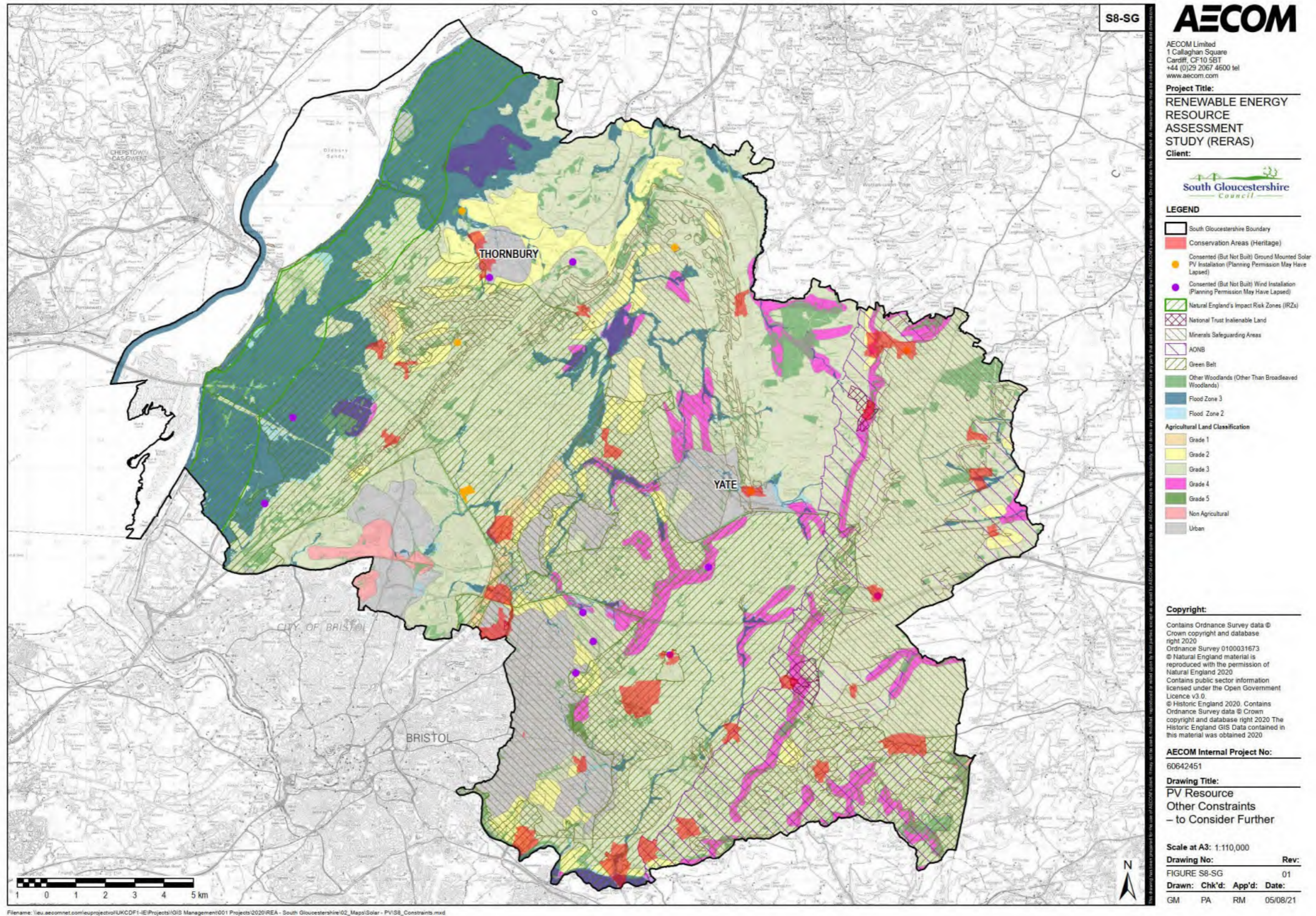
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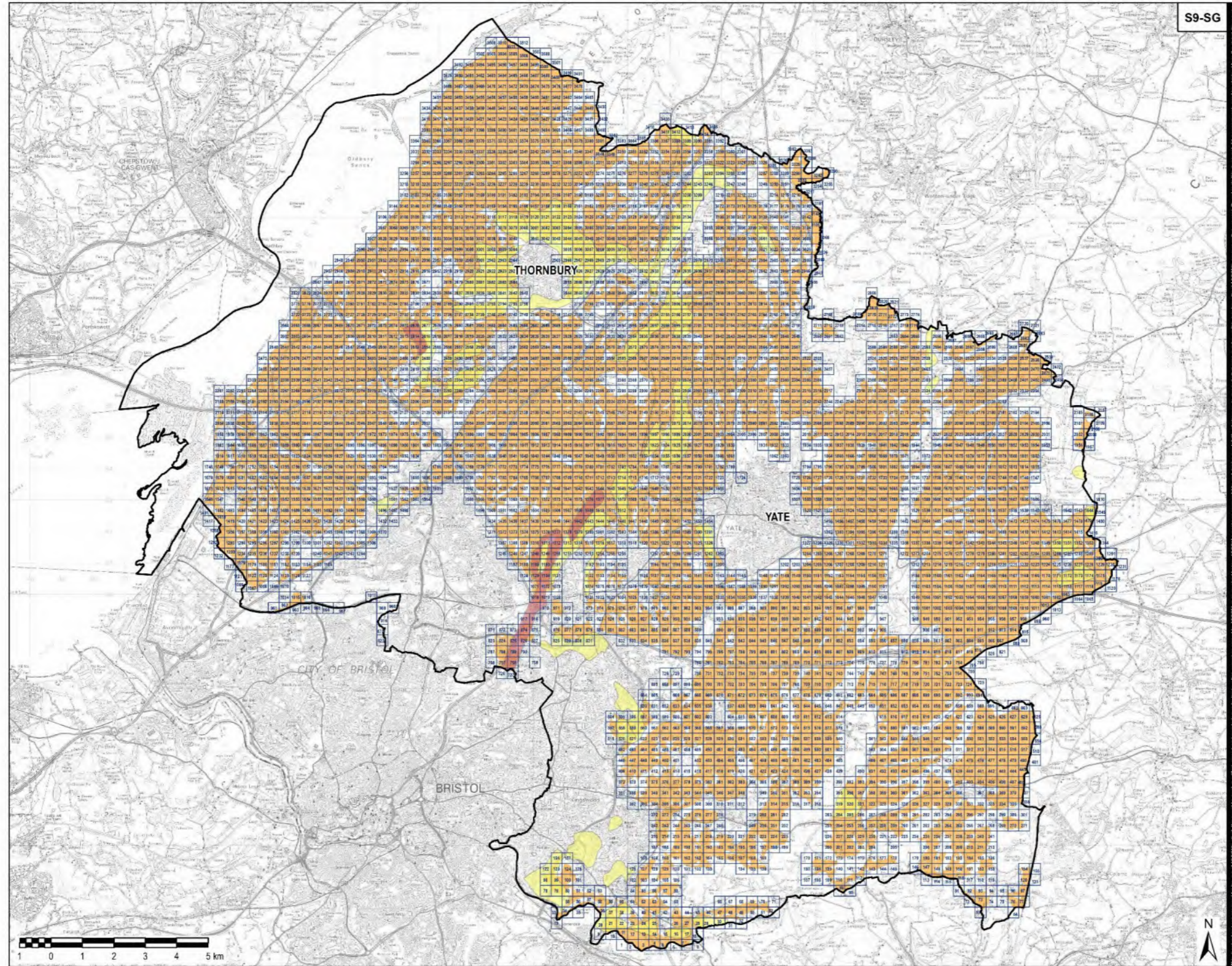
Drawing Title:
Solar PV Search Areas
in South Gloucestershire
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Drawing No: FIGURE S7-SG
Rev: 01
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GM PA RM 01/04/21

Filename: P:\UKCDF1-E\Projects\GIS Management\01 Projects\2020\REA - South Gloucestershire\02 Maps\Solar - PV\S7_PV_Search_Areas.mxd

S8-SG: Solar PV Resource Other Constraints – to Consider Further



S9-SG: Solar Local Search Areas from S7 Map and Agricultural Land Grade 1 and 2 in South Gloucestershire



S9-SG



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- LEGEND**
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 - Search Areas - Equal to SMW Capacity
 - Unconstrained Land
 - Agricultural Land Classification**
 - Grade 1
 - Grade 2

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Solar Local Search Areas
from S7 Map and
Agricultural Land
Grade 1 and 2 in
South Gloucestershire

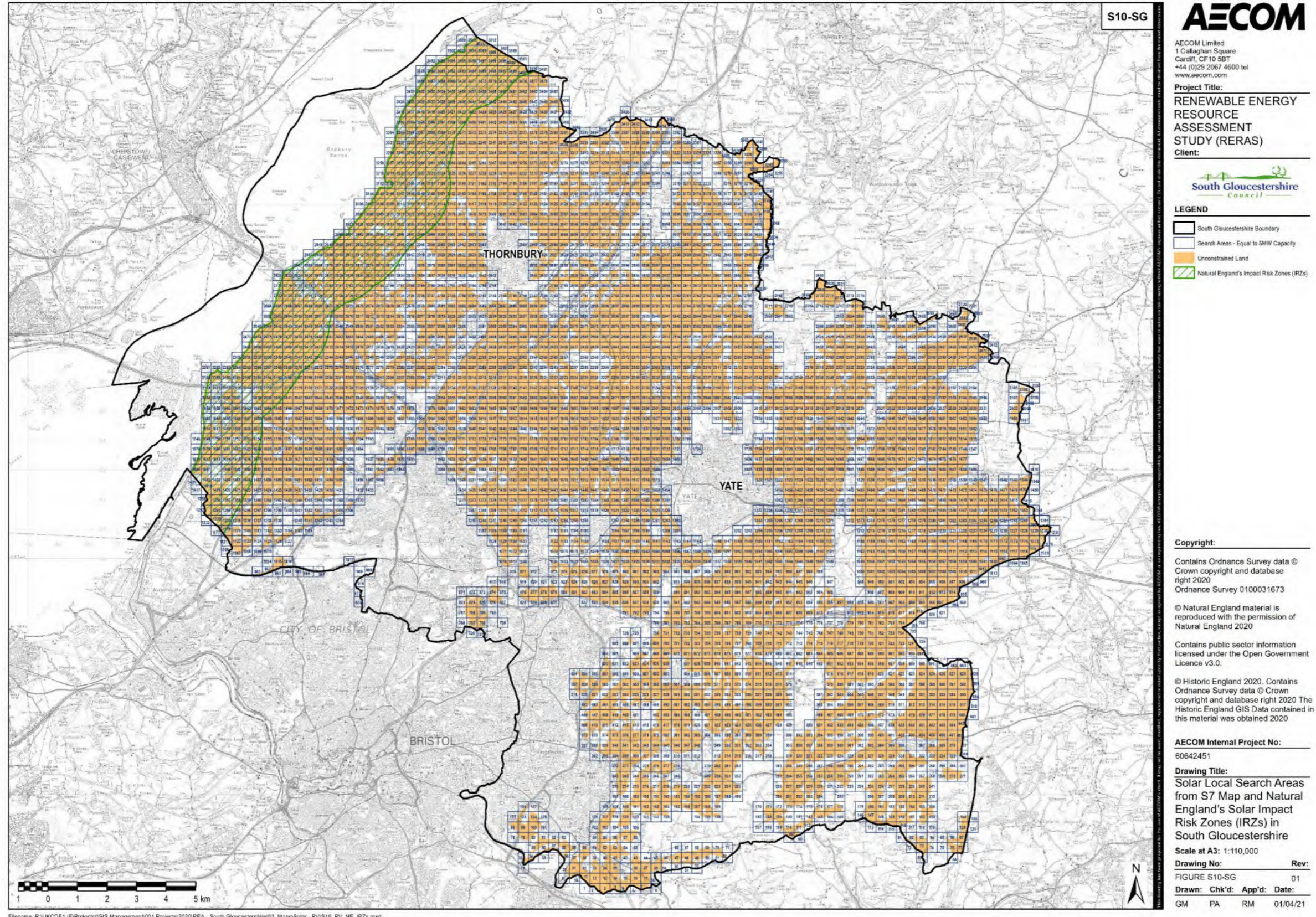
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Drawing No: **Rev:**
FIGURE S9-SG 01

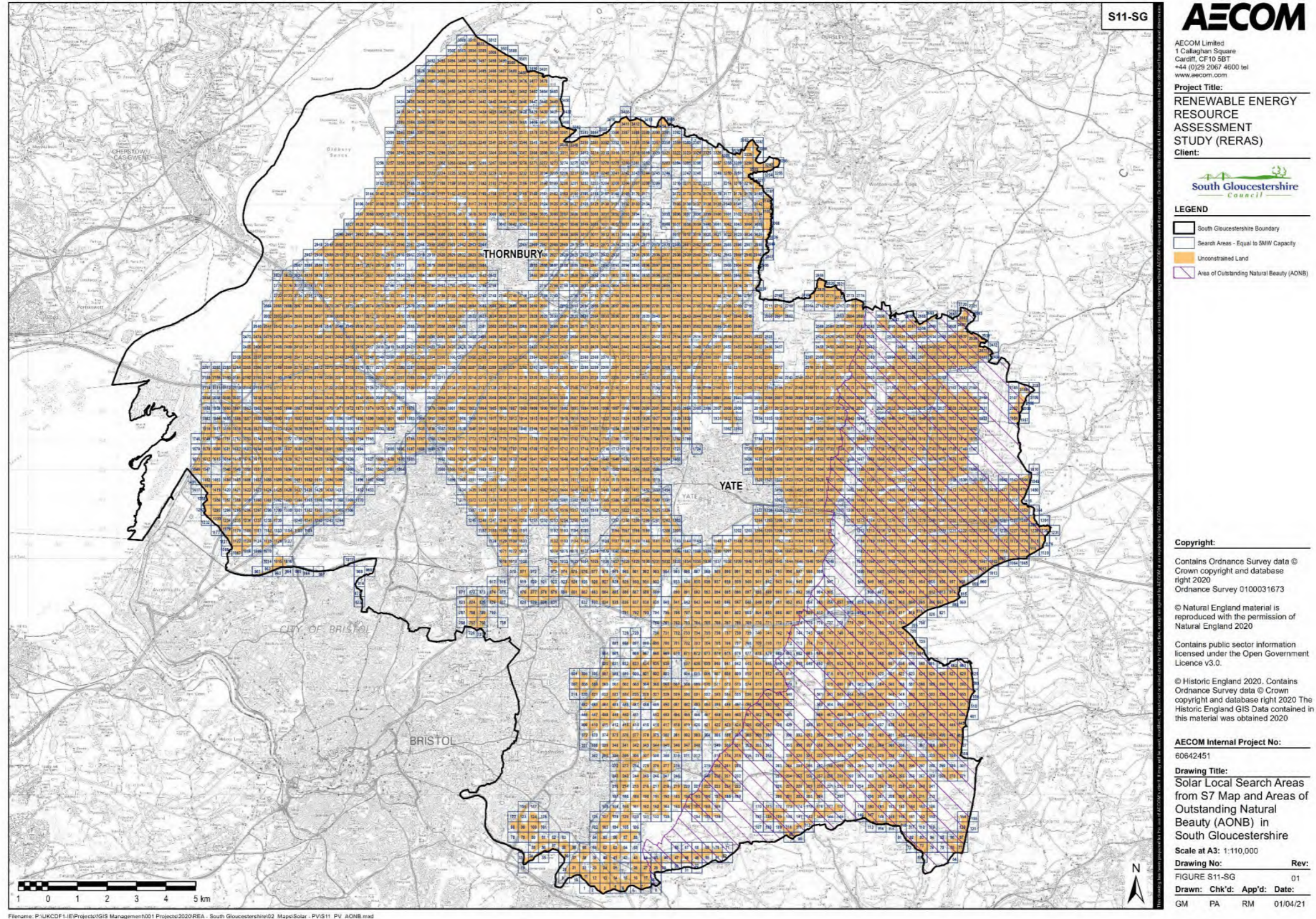
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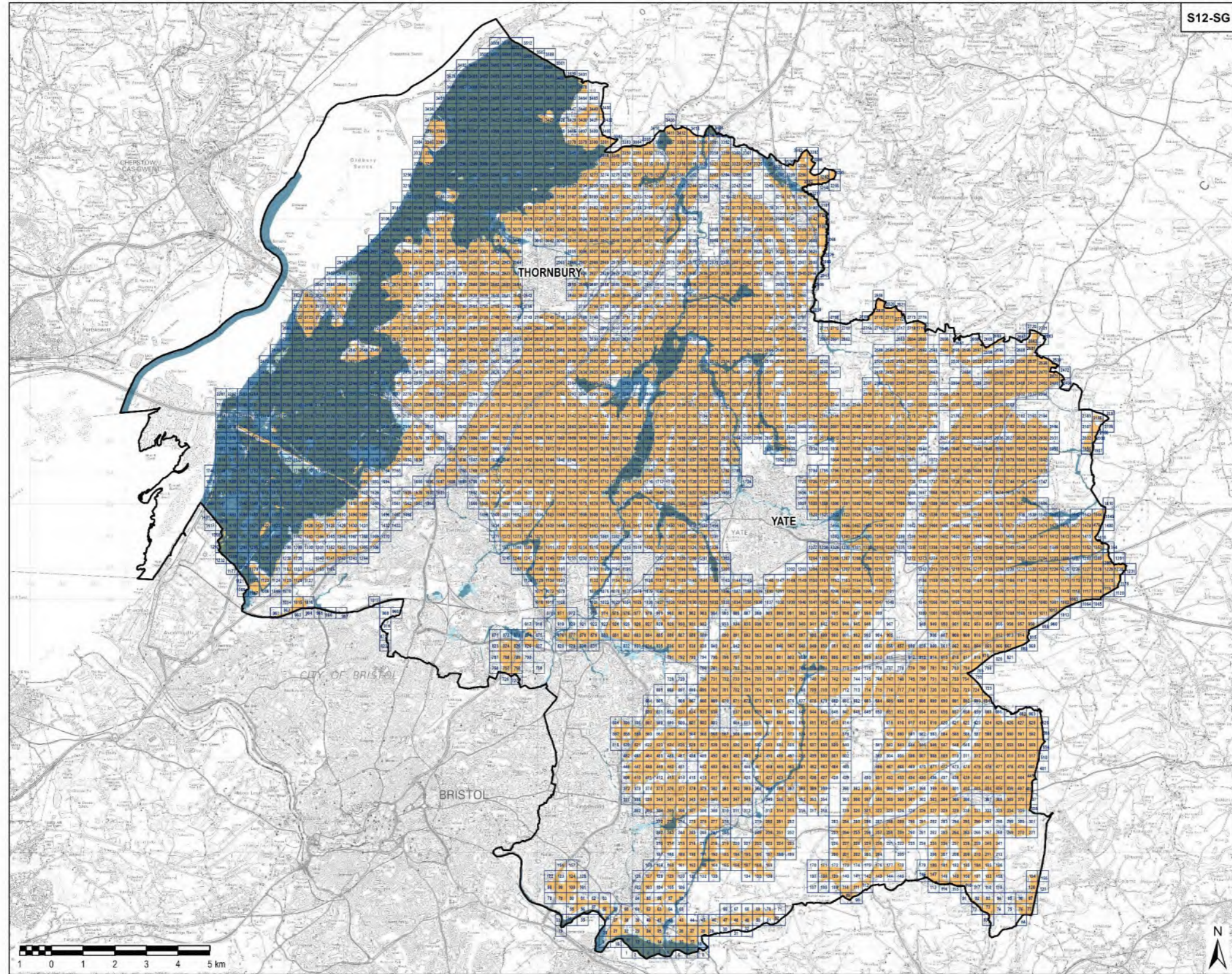
S10-SG: Solar Local Search Areas from S7 Map and Natural England's Solar Impact Risk Zones (IRZs) in South Gloucestershire



S11-SG: Solar Local Search Areas from S7 Map and Areas of Outstanding Natural Beauty (AONB) in South Gloucestershire



S12-SG: Solar Local Search Areas from S7 Map and Flood Zones in South Gloucestershire



S12-SG



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- LEGEND**
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 - Search Areas - Equal to SMW Capacity
 - Unconstrained Land
 - Flood Zone 3
 - Flood Zone 2

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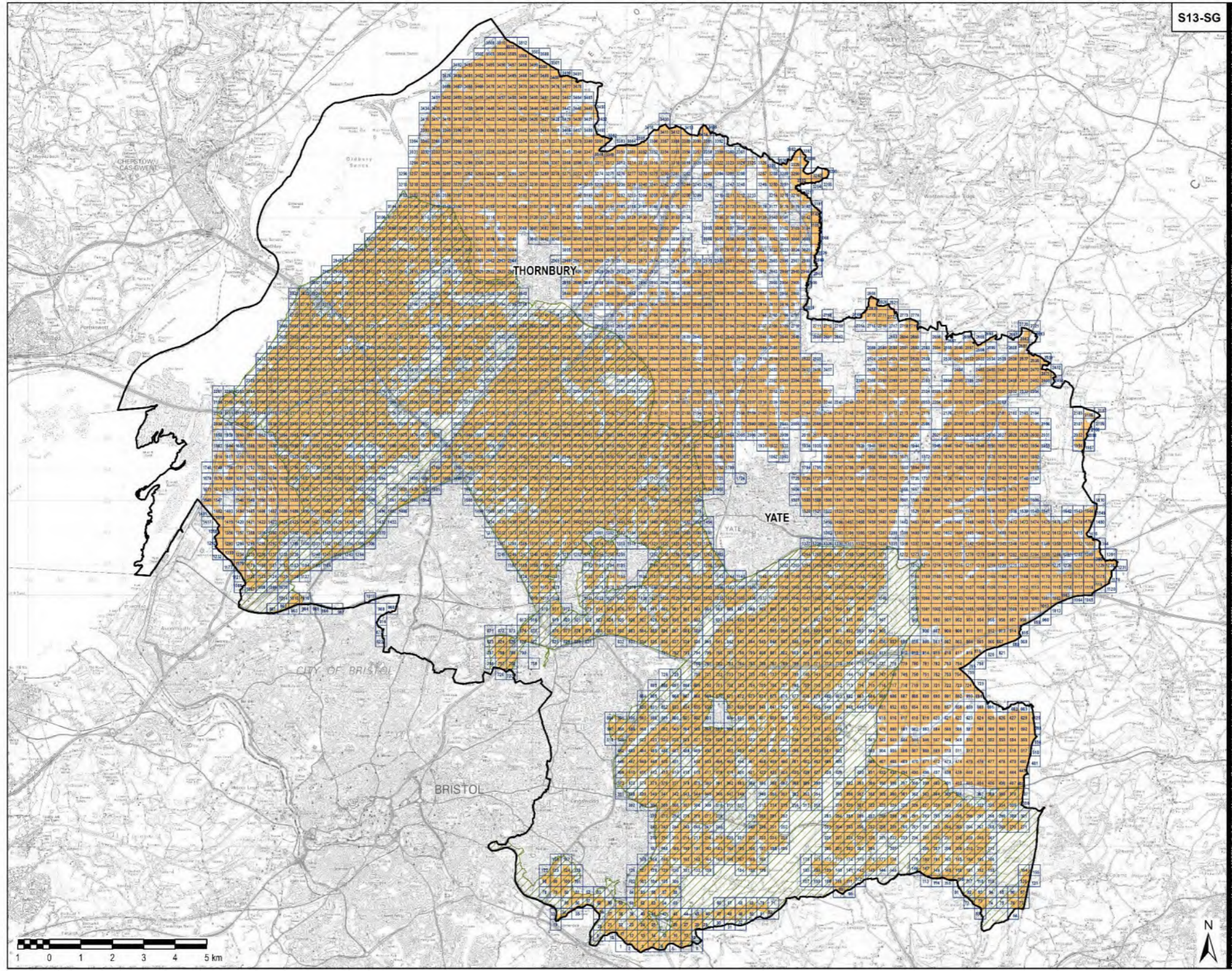
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from S7 Map and Flood
Zones in
South Gloucestershire
Scale at A3: 1:110,000
Drawing No: **Rev:**
FIGURE S12-SG 01
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S13-SG: Solar Local Search Areas from S7 Map and Green Belt Area in South Gloucestershire



S13-SG



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- Search Areas - Equal to SMW Capacity
- Unconstrained Land
- Green Belt

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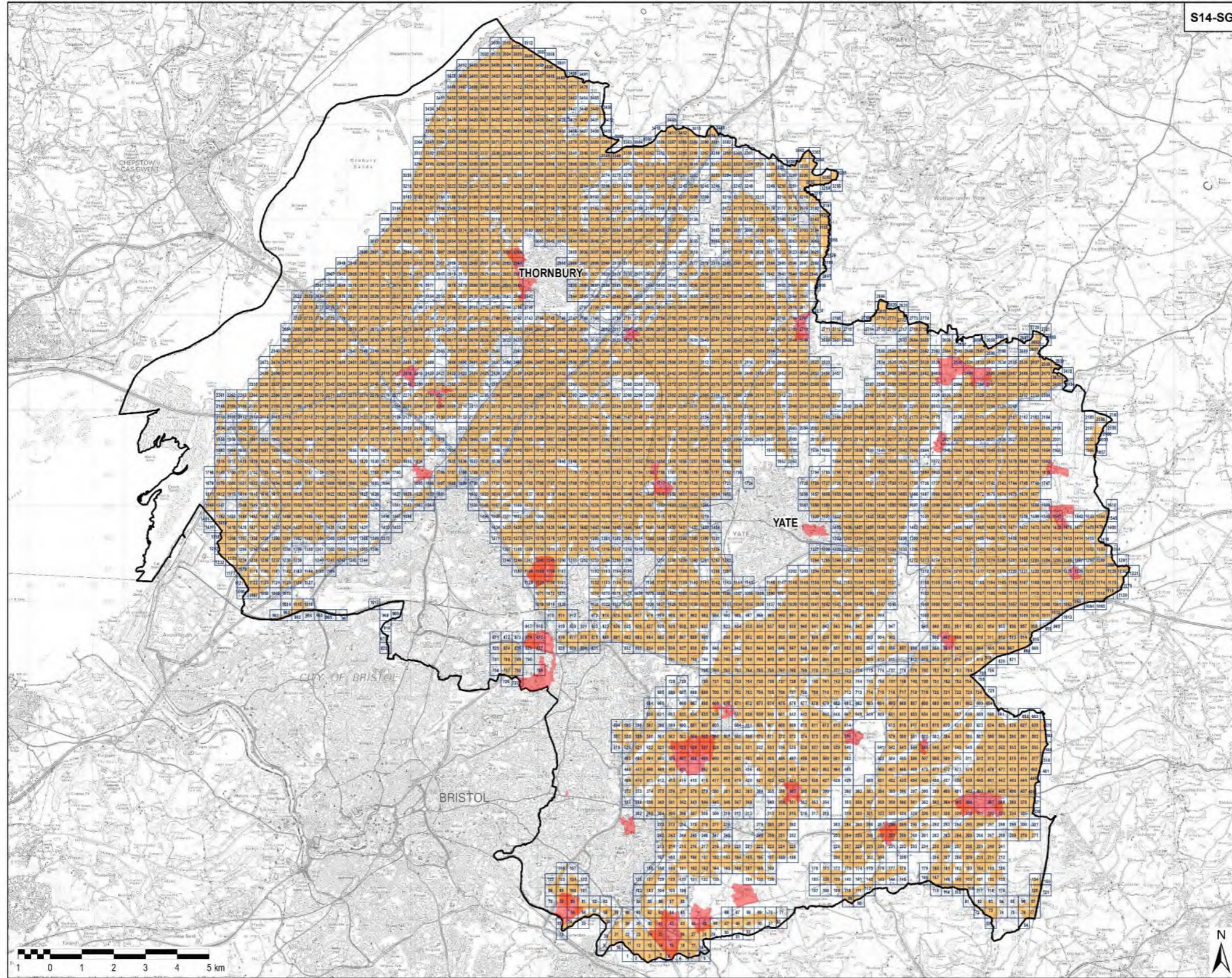
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from S7 Map and Green
Belt Area in
South Gloucestershire
Scale at A3: 1:110,000
Drawing No.: 01
FIGURE S13-SG
Drawn: Chk'd: App'd: Date:
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S14-SG: Solar PV Search Areas and Conservation Areas (Heritage) in South Gloucestershire



S14-SG



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- Conservation Areas (Heritage)
- South Gloucestershire Boundary
- Search Areas - Equal to SMW Capacity
- Unconstrained Land

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Solar PV Search Areas and Conservation Areas (Heritage) in South Gloucestershire

Scale at A3: 1:110,000

Drawing No: Rev:

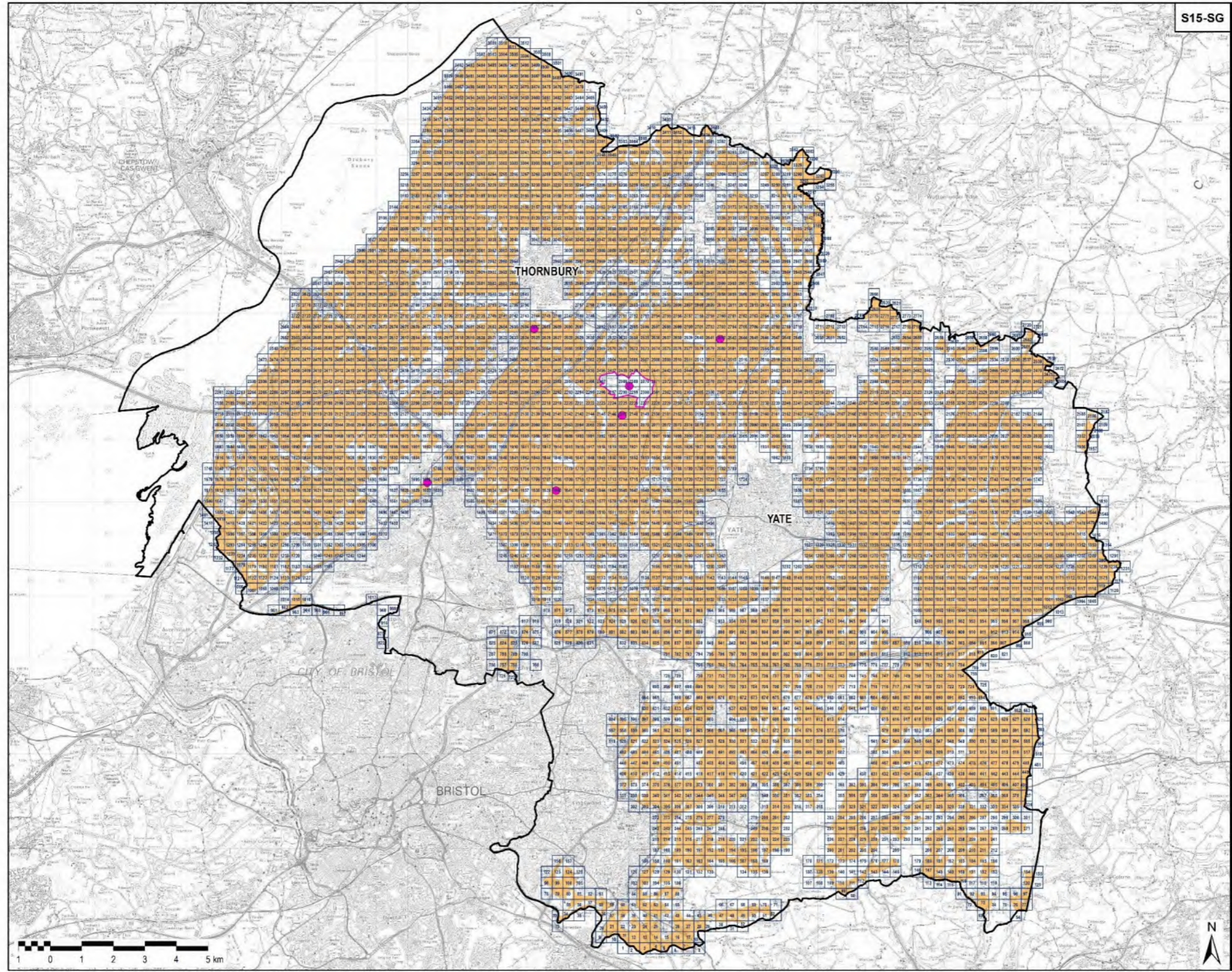
FIGURE S14-SG 01

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S15-SG: Solar PV Local Search Areas and Pipeline Solar PV Projects in South Gloucestershire



S15-SG



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Project Title:
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Client:



- LEGEND**
- South Gloucestershire Boundary
 - Search Areas - Equal to 5MW Capacity
 - Other Pipeline Solar PV Installations
 - Consented (But Not Built) Ground Mounted Solar PV Installation - Constrained on S2 Map
 - Unconstrained Land

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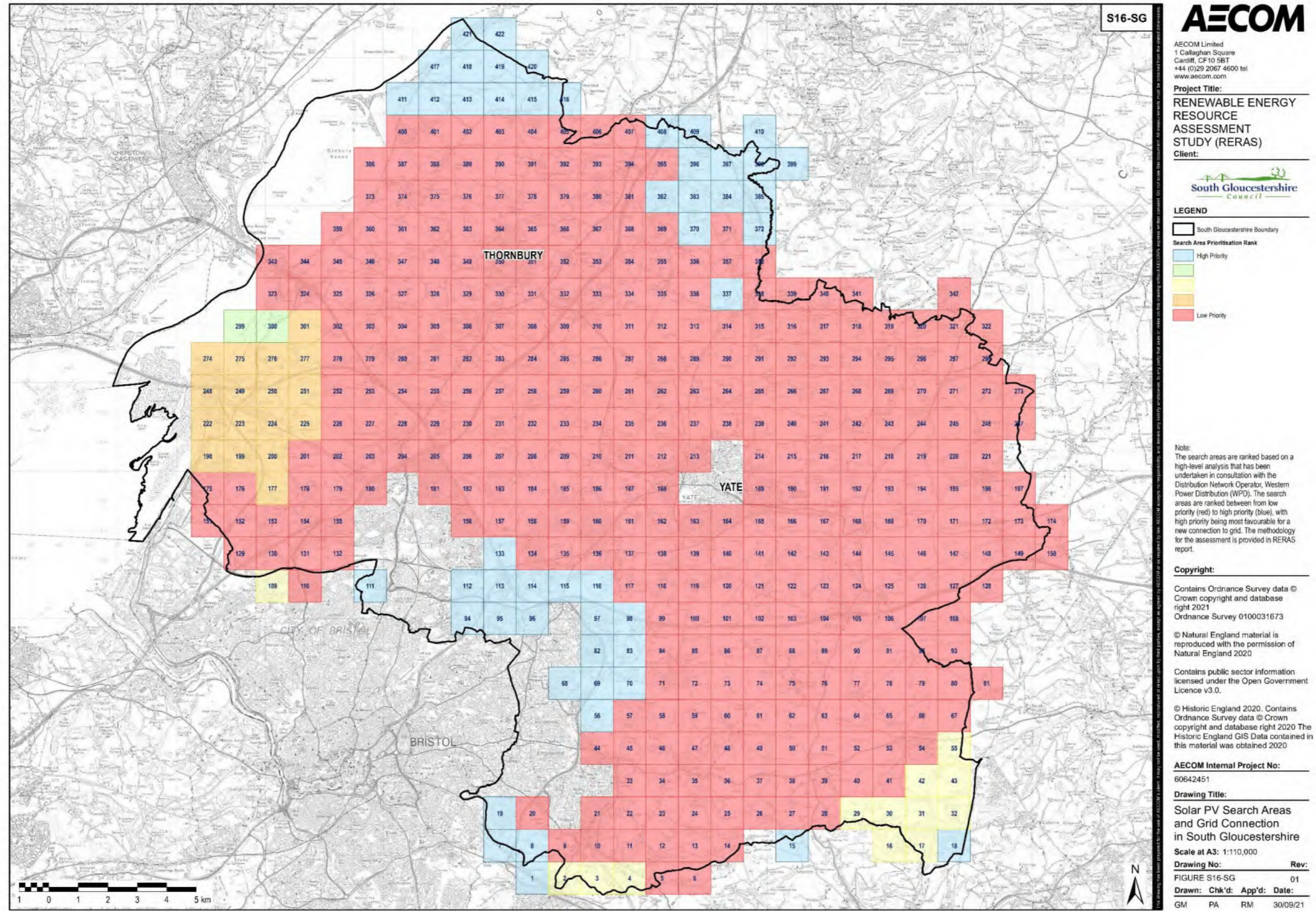
Solar PV Local Search Areas and Pipeline Solar PV Projects in South Gloucestershire

Scale at A3: 1:110,000
Drawing No: Rev: 01

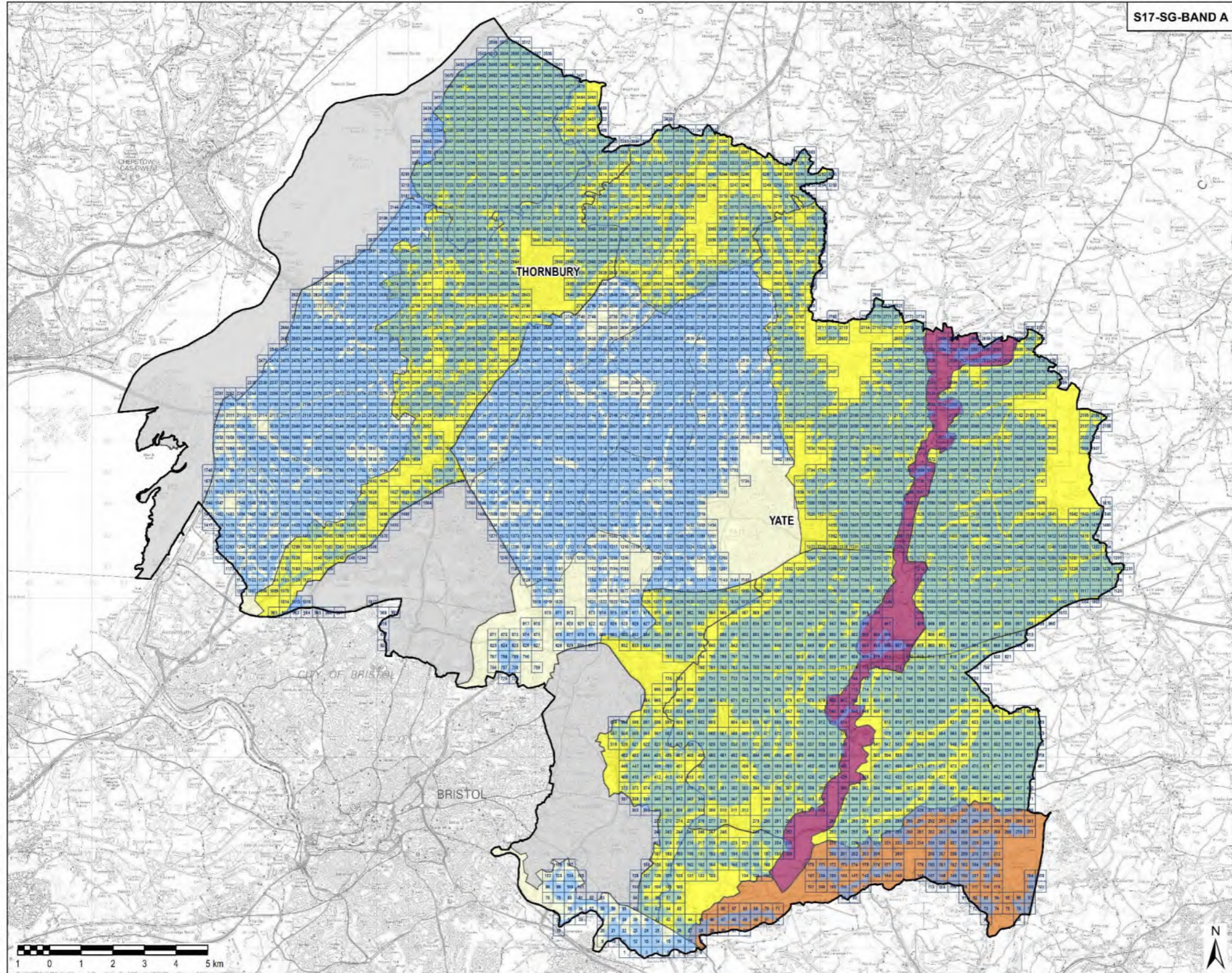
FIGURE S15-SG
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S16-SG: Solar PV Search Areas and Grid Connection in South Gloucestershire



S17-SG: Solar PV Search Areas and Landscape Sensitivity Results in Band A



S17-SG-BAND A



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- South Gloucestershire Boundary
- Search Areas - Equal to SMW Capacity
- Unconstrained Land
- Landscape Sensitivity
 - Low
 - Low - Moderate
 - Moderate
 - Moderate - High
 - High
- Areas scoped out of the assessment on landscape/technical grounds

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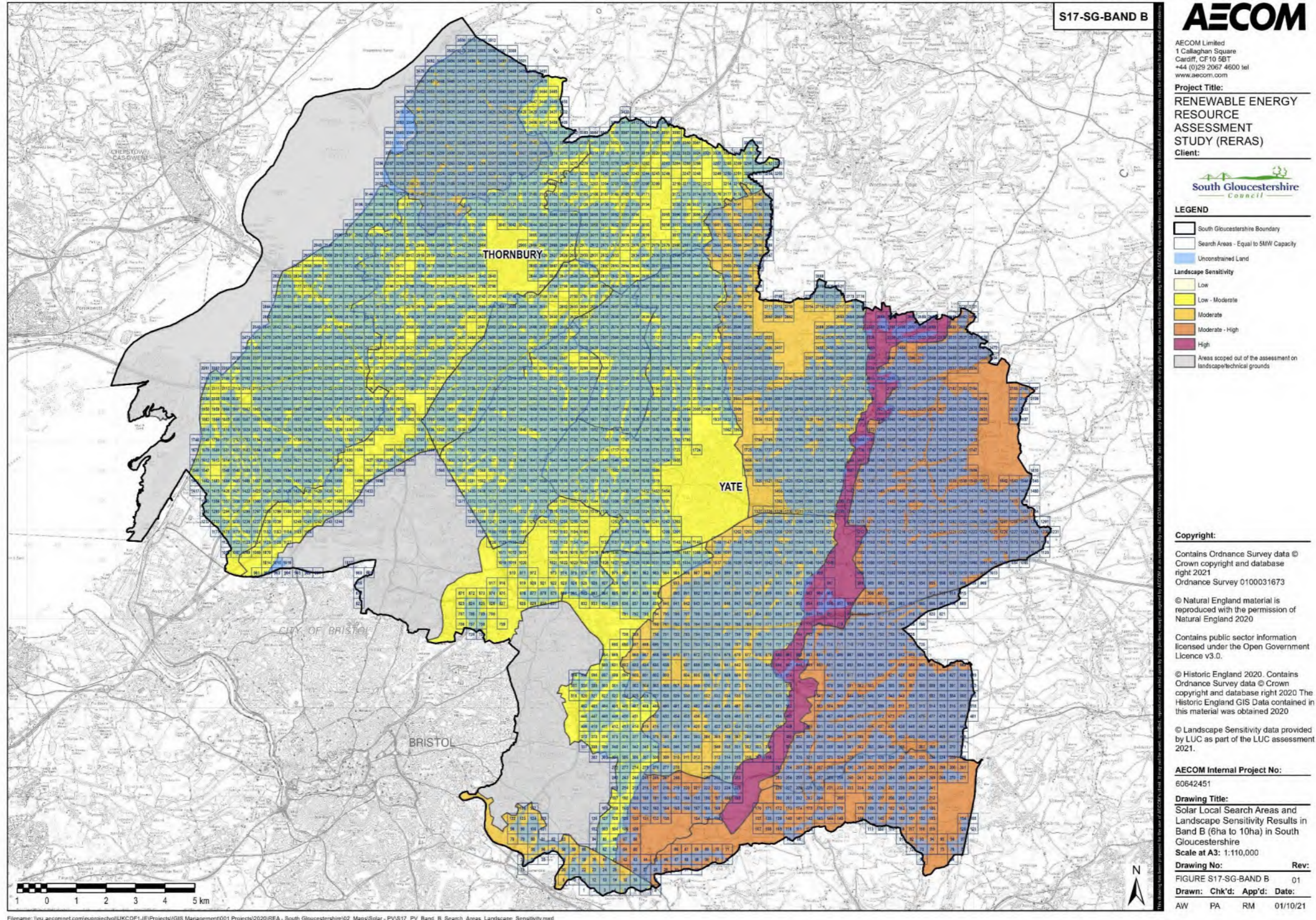
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Drawing Title:
Solar Local Search Areas and Landscape Sensitivity Results in Band A (s5ha) in South Gloucestershire
Scale at A3: 1:110,000

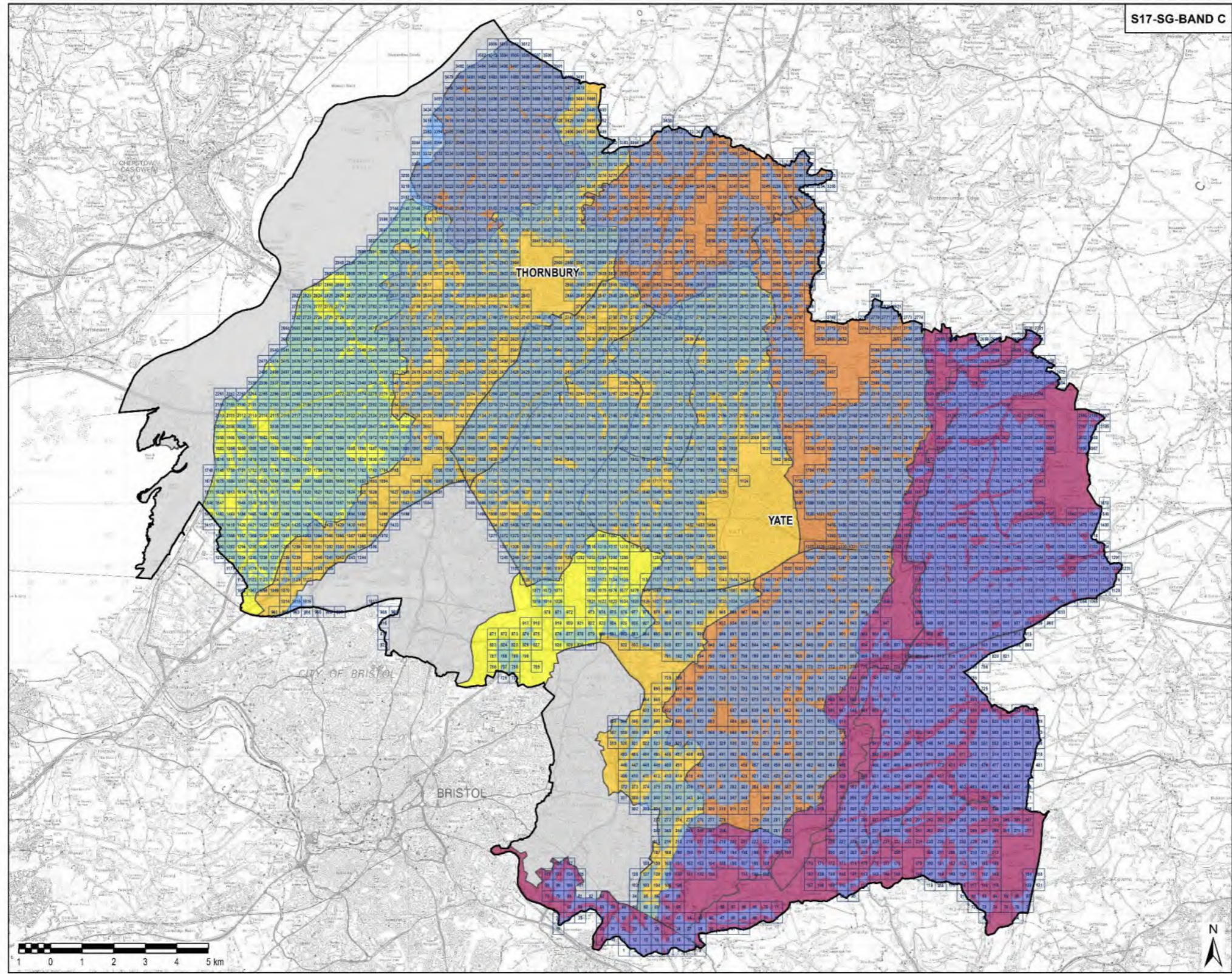
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S17-SG: Solar PV Search Areas and Landscape Sensitivity Results in Band B



S17-SG: Solar PV Search Areas and Landscape Sensitivity Results in Band C



S17-SG-BAND C



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- South Gloucestershire Boundary
 - Search Areas - Equal to SMW Capacity
 - Unconstrained Land
 - Landscape Sensitivity
 - Low
 - Low - Moderate
 - Moderate
 - Moderate - High
 - High
 - Areas scoped out of the assessment on landscape/technical grounds

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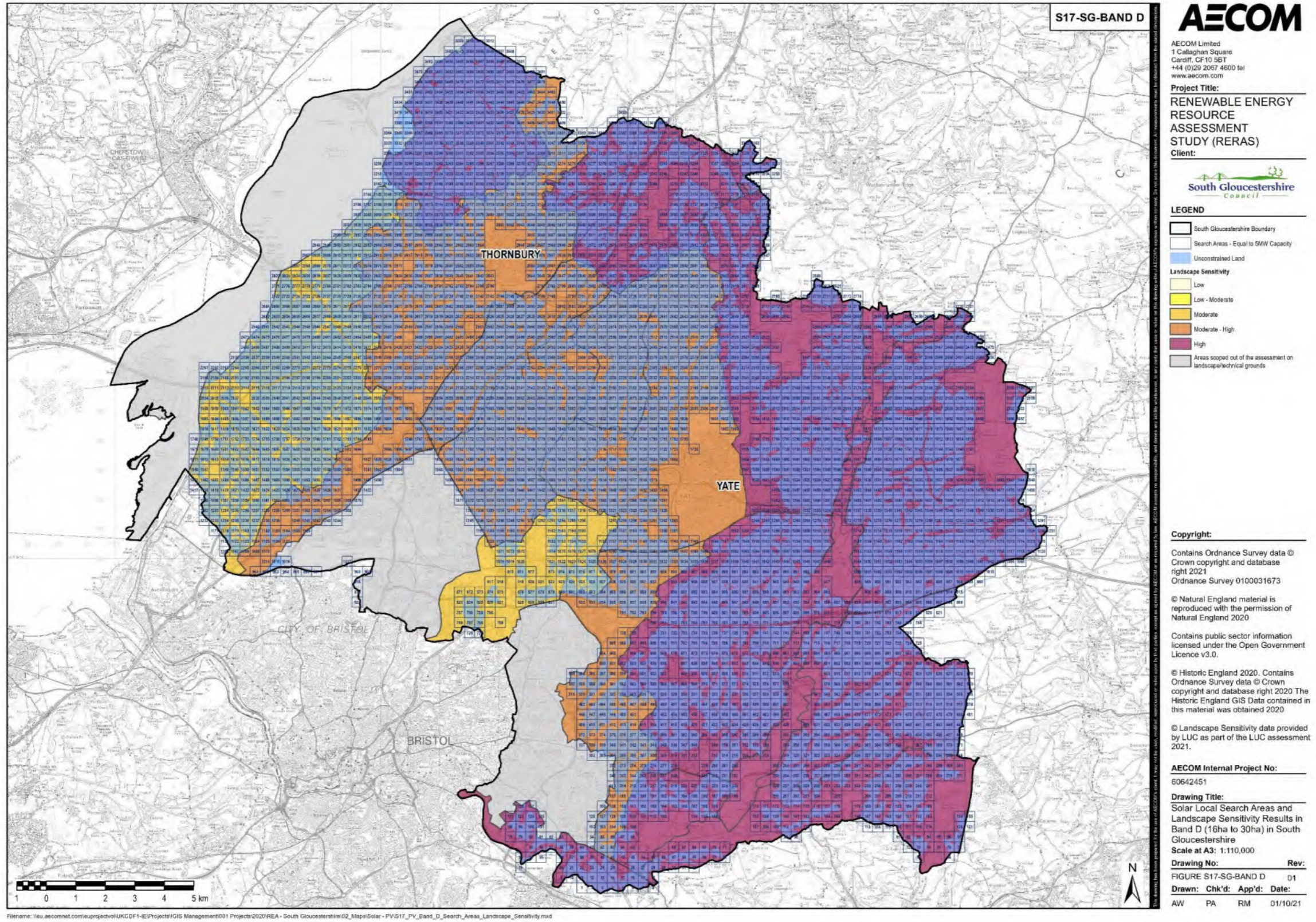
AECOM Internal Project No:
60642451

Drawing Title:
Solar Local Search Areas and Landscape Sensitivity Results in Band C (11ha to 15ha) in South Gloucestershire
Scale at A3: 1:110,000

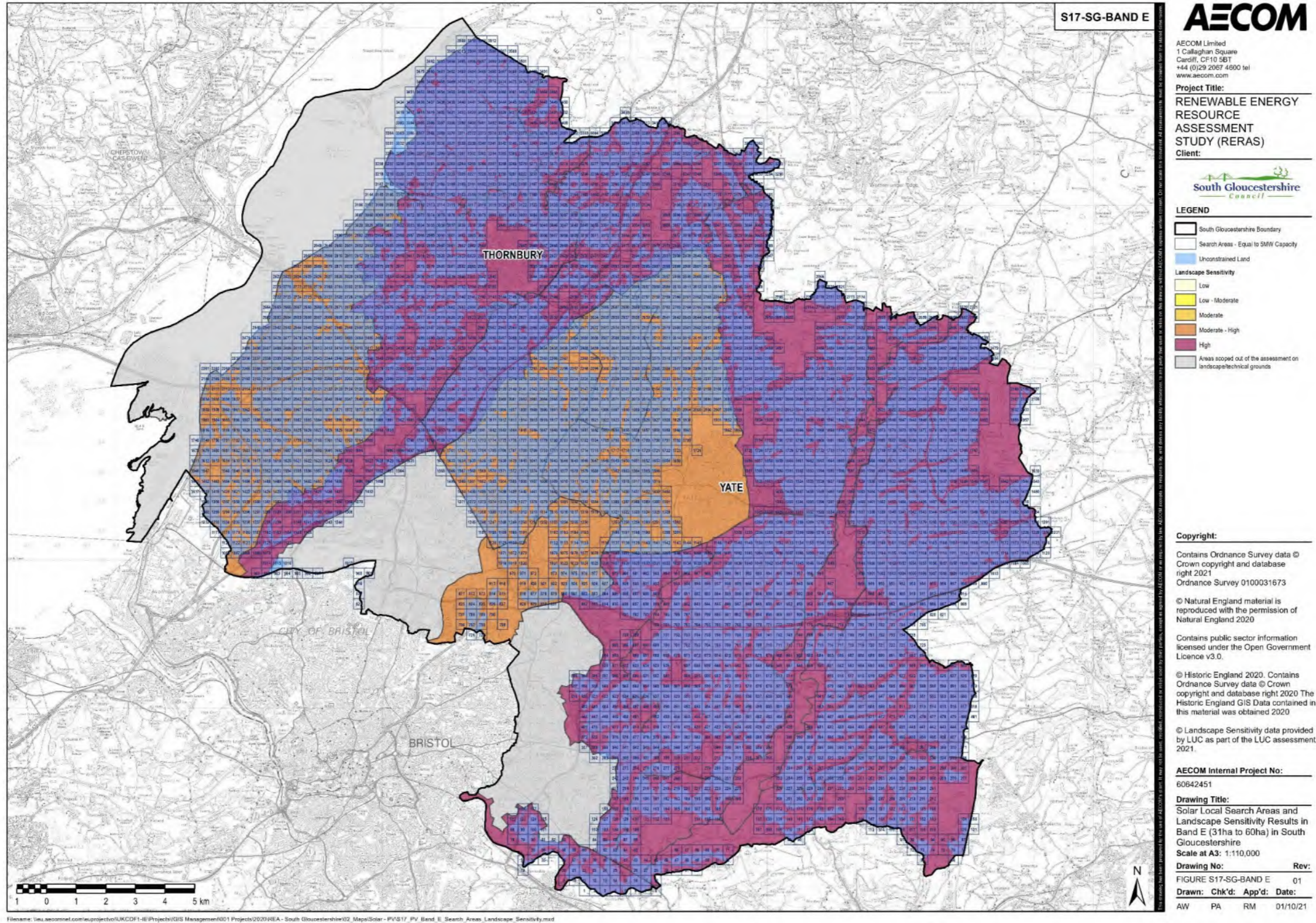
Drawing No: **Rev:**
FIGURE S17-SG-BAND C 01

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S17-SG: Solar PV Search Areas and Landscape Sensitivity Results in Band D



S17-SG: Solar PV Search Areas and Landscape Sensitivity Results in Band E¹



¹ Proposed solar PV developments larger than 60ha have not been considered in the LUC landscape sensitivity assessment. LUC has confirmed that landscape sensitivity to these very large schemes would be categorised as "high" sensitivity regardless of location, requiring developers to pay particular attention to this issue in their specific applications.