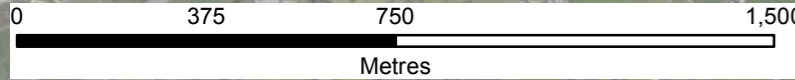


A30 Chiverton to Carland Cross Improvement Scheme Preliminary Environmental Information Report

PEIR Appendix 8.19 Bat Roost
Report




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- Proposed Option
- Building Locations
- 50m Study Area
- ⋯ 100m Study Area

Rev	Date	Description	By	Chk	App	Notes



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Title: **BUILDING LOCATIONS**
 PAGE 1 OF 3

Drawn: JSdS	Checked: MC
Designed: MC	Approved: UD
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Project Number: 70004582	Drawing Number: FIGURE 1
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- Proposed Option
- Building Locations
- 50m Study Area
- ⋯ 100m Study Area

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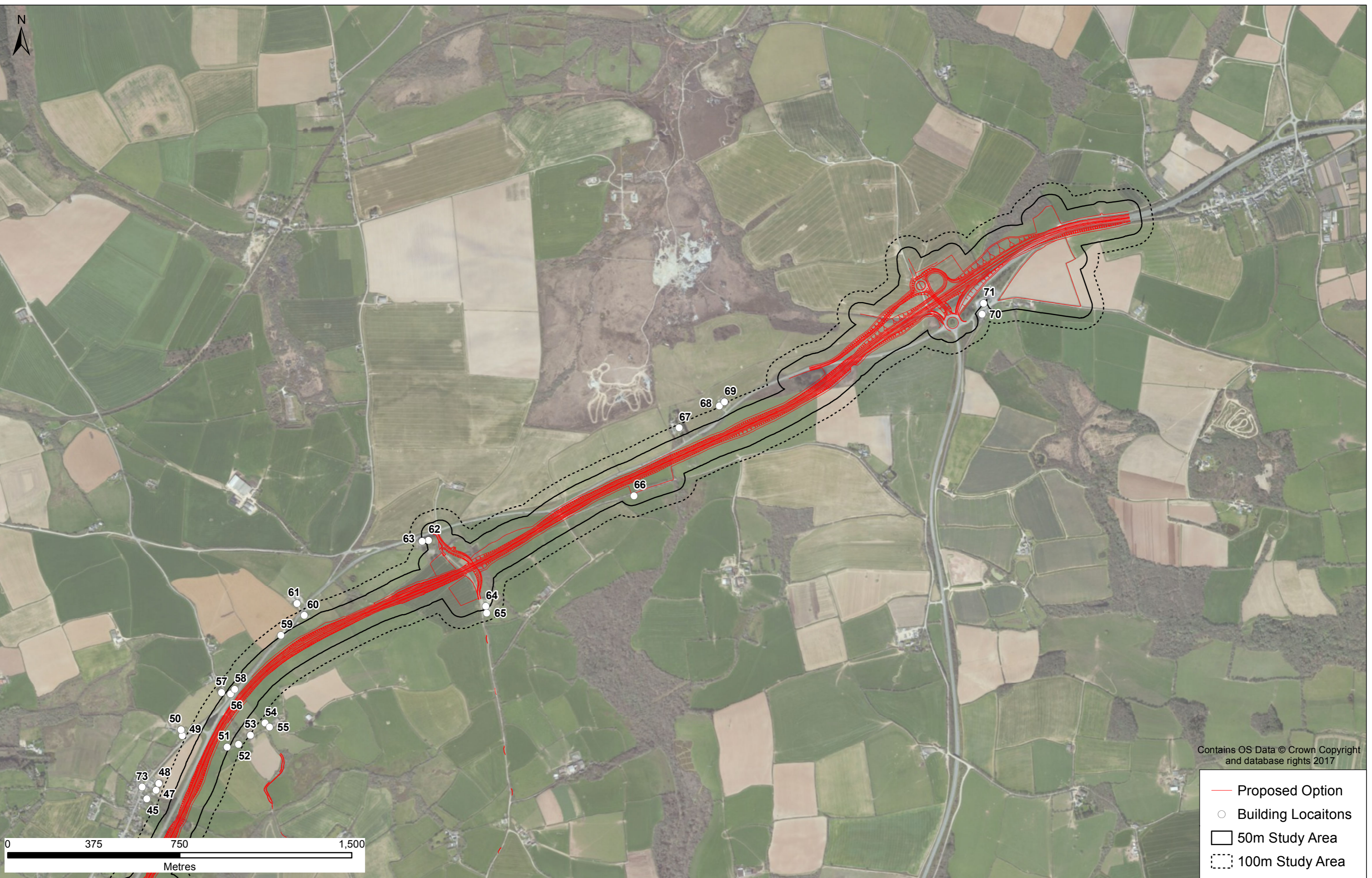


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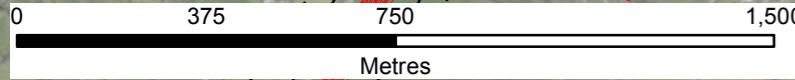
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 Project: **A30 CHIVERTON TO CARLAND CROSS**

Title: **BUILDING LOCATIONS**
 PAGE 2 OF 3

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- Proposed Option
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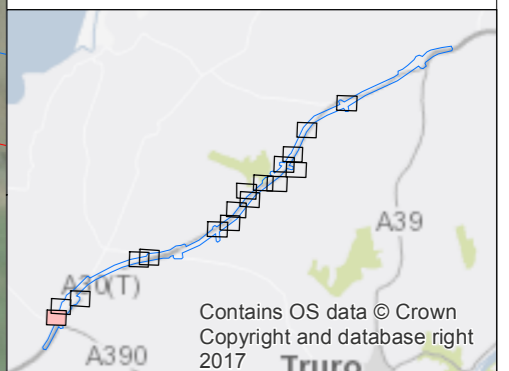
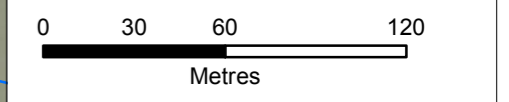
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 Login: DeSouzaJ
 Plot Date: 31/10/2017



- Project Boundary
- 20m and 50m Study Areas
- Ground-based Tree Assessment Results Bat Roost Suitability**
- Confirmed Roost
- High Potential
- Moderate Potential
- Low Potential
- Aerial Tree Survey Bat Roost Suitability**
- ◆ Confirmed
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- ◆ Moderate
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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Title: **ROOST SUITABILITY PAGE 1 OF 17**

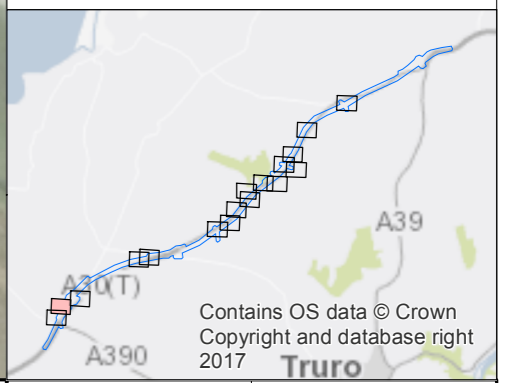
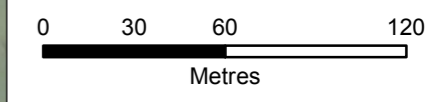
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Title: **ROOST SUITABILITY**
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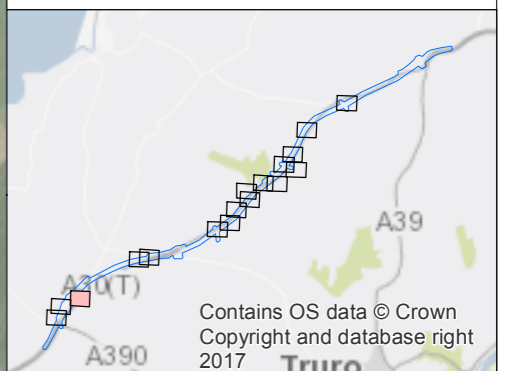
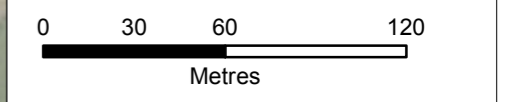
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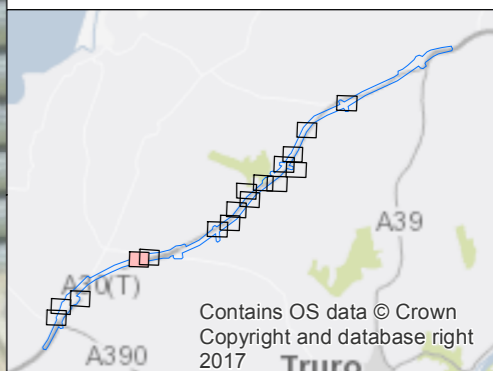
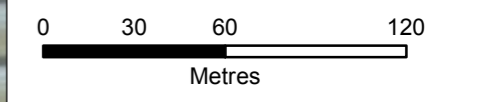
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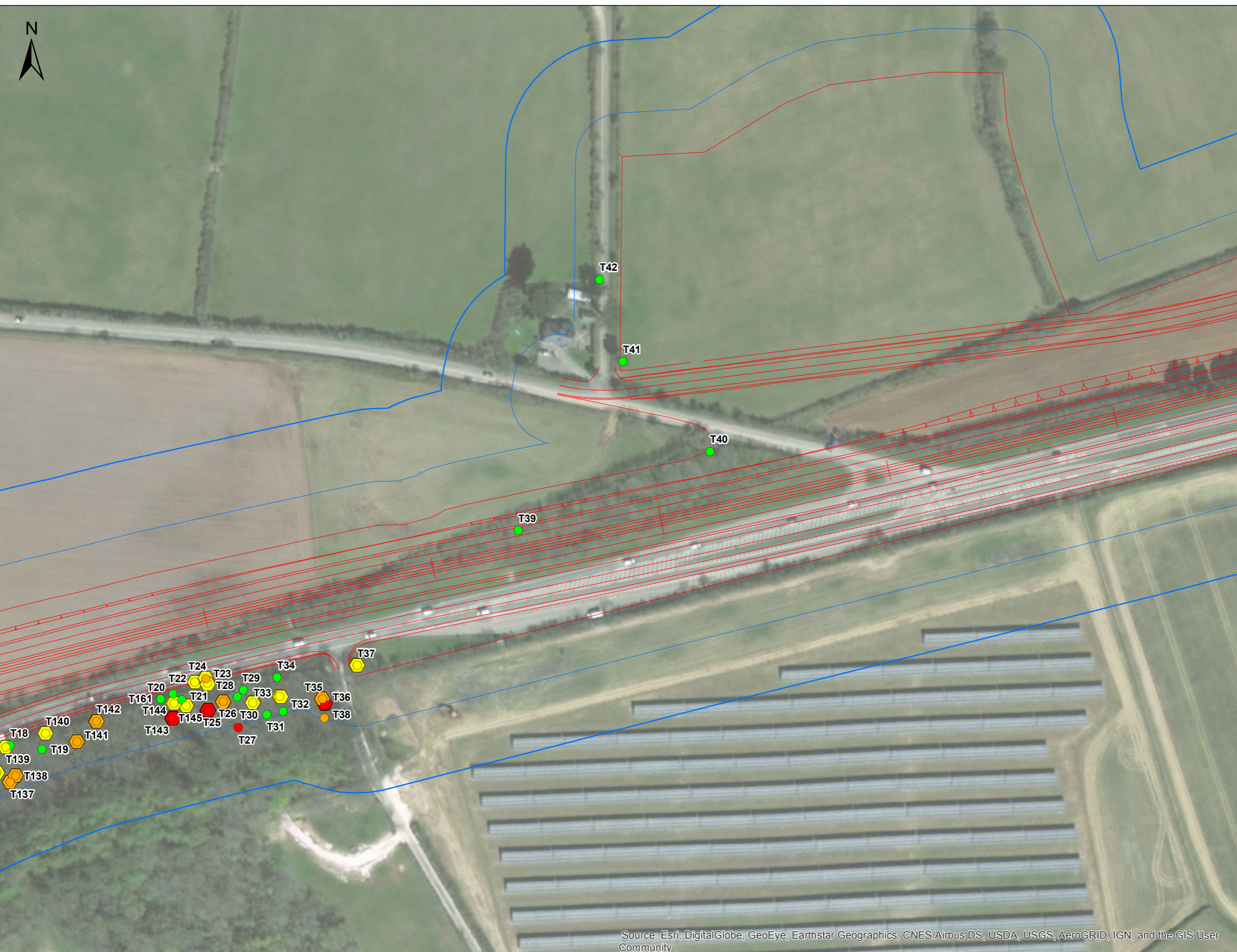
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 Plot Date: 31/10/2017



Project Boundary

20m and 50m Study Areas

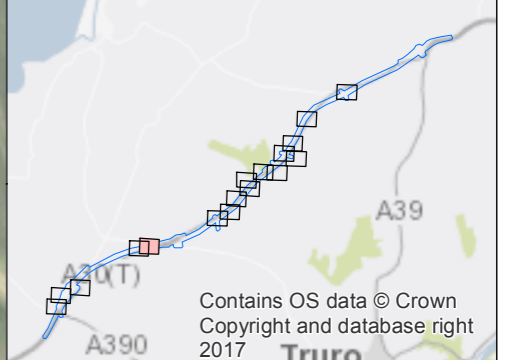
Ground-based Tree Assessment Results Bat Roost Suitability

- Confirmed Roost
- High Potential
- Moderate Potential
- Low Potential

Aerial Tree Survey Bat Roost Suitability

- Confirmed
- High
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— Project Boundary

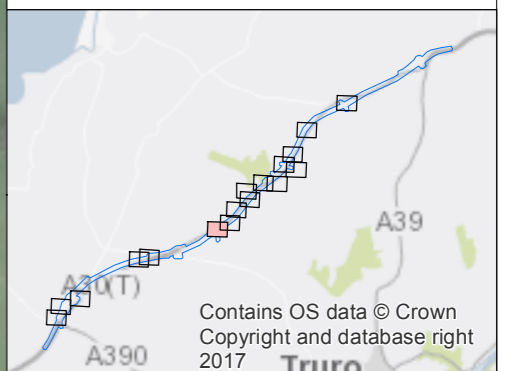
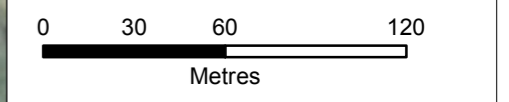
□ 20m and 50m Study Areas

Ground-based Tree Assessment Results Bat Roost Suitability

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Title: **ROOST SUITABILITY PAGE 6 OF 17**

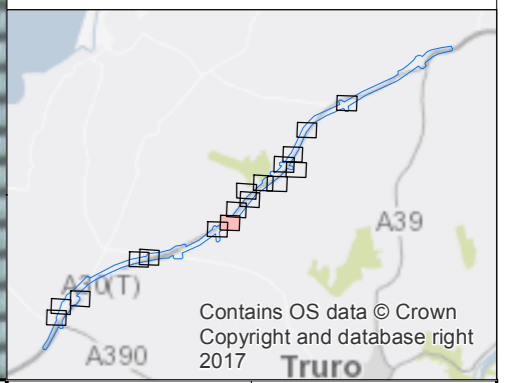
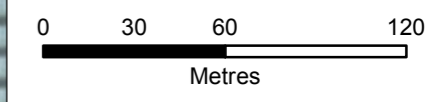
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A30 CHIVERTON TO CARLAND CROSS

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**ROOST SUITABILITY
PAGE 7 OF 17**

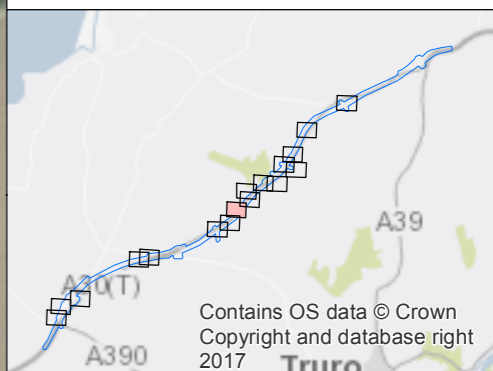
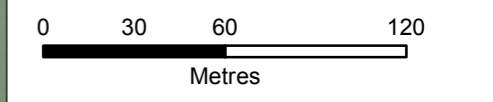
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Title: **ROOST SUITABILITY**
PAGE 8 OF 17

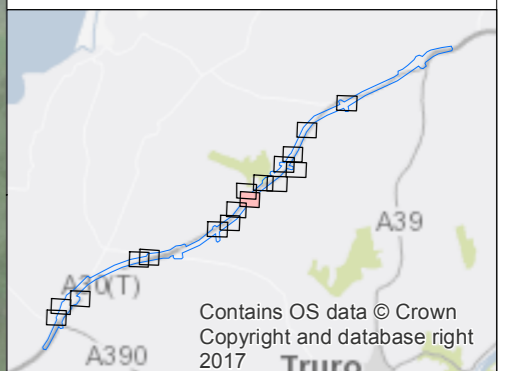
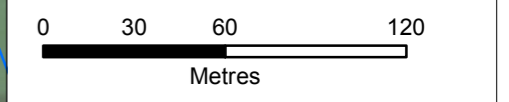
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Title: **ROOST SUITABILITY PAGE 9 OF 17**

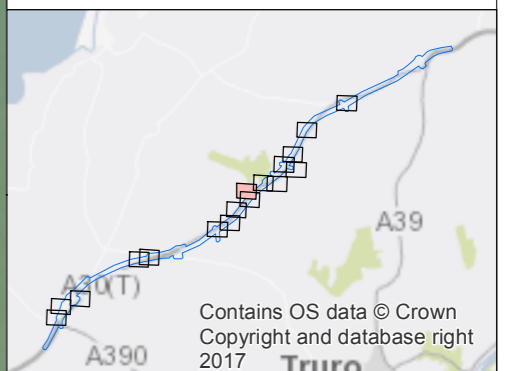
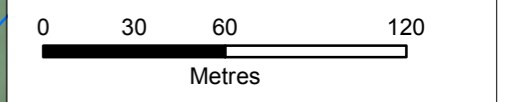
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— Project Boundary

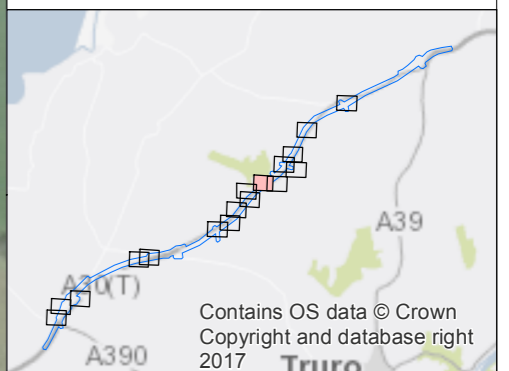
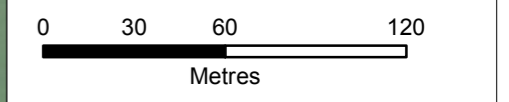
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Title: **ROOST SUITABILITY PAGE 11 OF 17**

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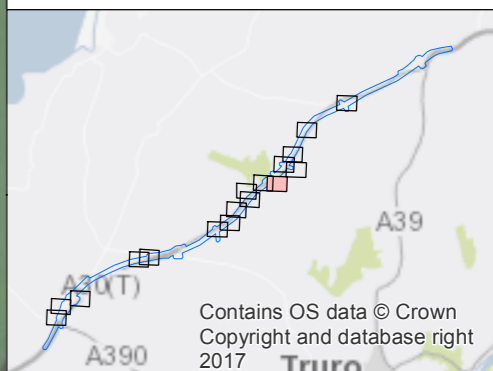
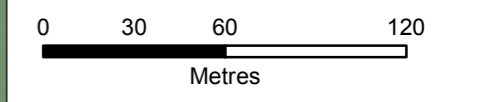
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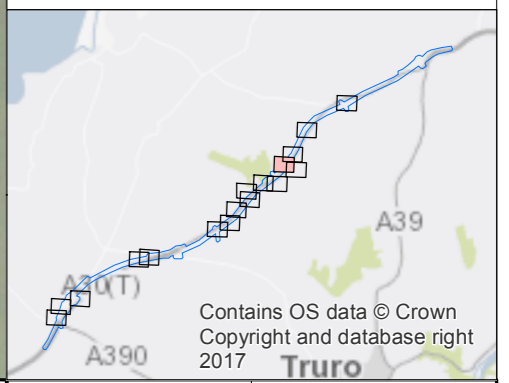
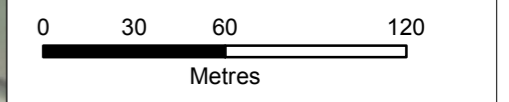
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 Project: **A30 CHIVERTON TO CARLAND CROSS**

Title: **ROOST SUITABILITY**
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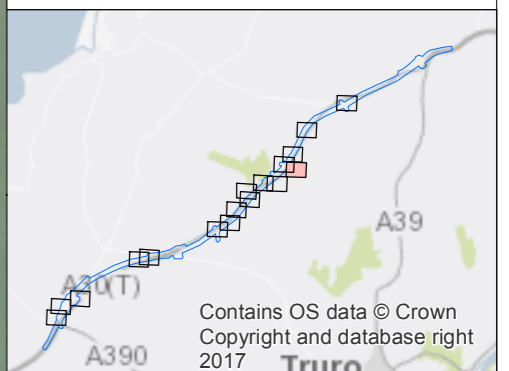
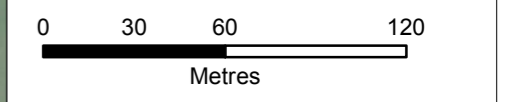
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 Login: DeSouzaJ
 Plot Date: 31/10/2017



- Project Boundary
- 20m and 50m Study Areas
- Ground-based Tree Assessment Results Bat Roost Suitability**
- Confirmed Roost
- High Potential
- Moderate Potential
- Low Potential
- Aerial Tree Survey Bat Roost Suitability**
- ◆ Confirmed
- ◆ High
- ◆ Moderate
- ◆ Low
- ◆ Negligible/NA




Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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 Project: **A30 CHIVERTON TO CARLAND CROSS**

Title: **ROOST SUITABILITY**
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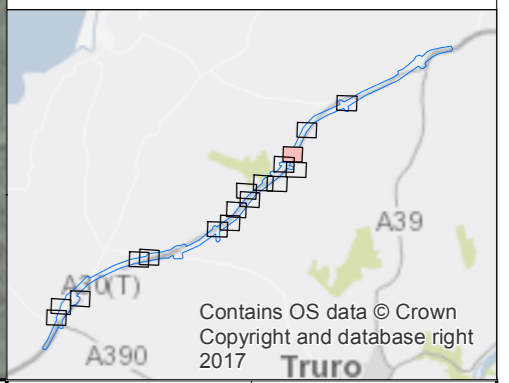
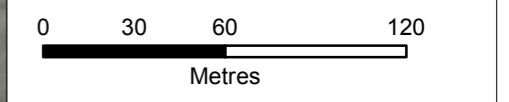
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 Login: DeSouzaJ
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- Project Boundary
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Title: **ROOST SUITABILITY**
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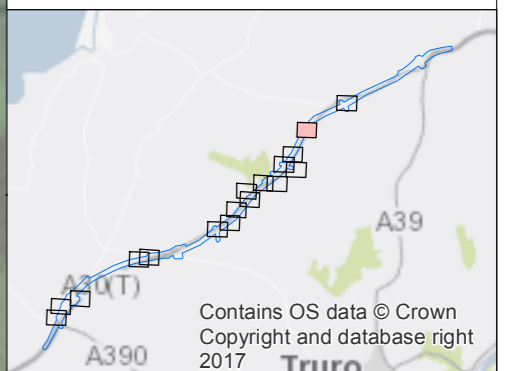
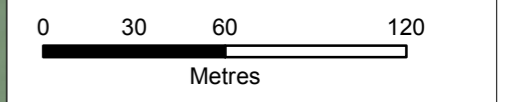
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- Project Boundary
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- Aerial Tree Survey Bat Roost Suitability**
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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Title: **ROOST SUITABILITY**
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— Project Boundary

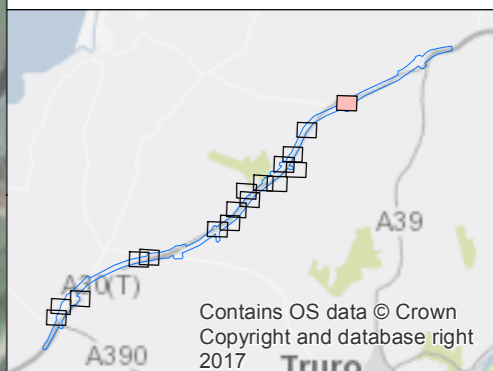
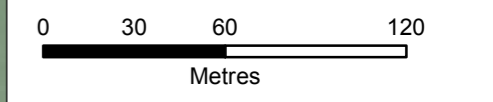
□ 20m and 50m Study Areas

Ground-based Tree Assessment Results Bat Roost Suitability

- Confirmed Roost
- High Potential
- Moderate Potential
- Low Potential

Aerial Tree Survey Bat Roost Suitability

- ⬠ Confirmed
- ⬠ High
- ⬠ Moderate
- ⬠ Low
- ⬠ Negligible/NA



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Title: **ROOST SUITABILITY**
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 Plot Date: 31/10/2017



— Proposed Project Boundary

□ 20m, 50m and 100m Study Areas

Bat Roost Suitability - Buildings

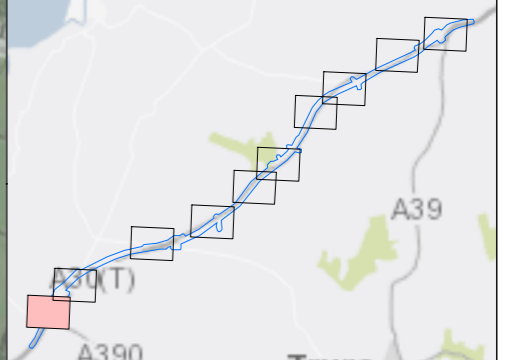
- Confirmed Roost
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- Moderate
- Low
- Negligible
- N/A

Bat Roost Suitability - Bridges

- ▲ Confirmed
- ▲ High
- ▲ Low
- ▲ Moderate
- ▲ Negligible

0 65 130 260
Metres

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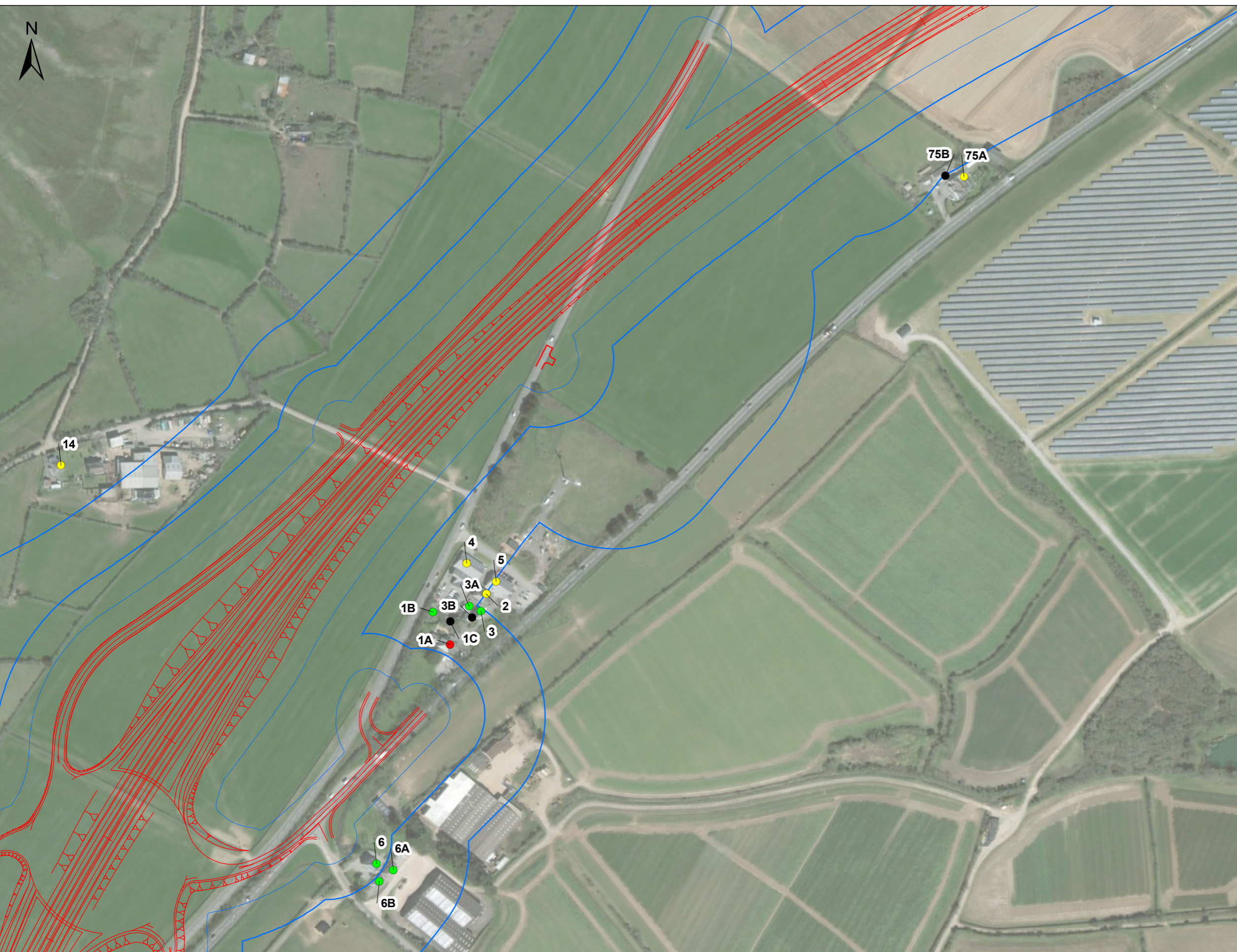
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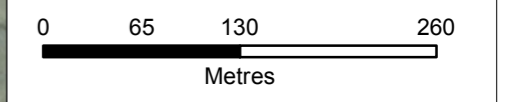
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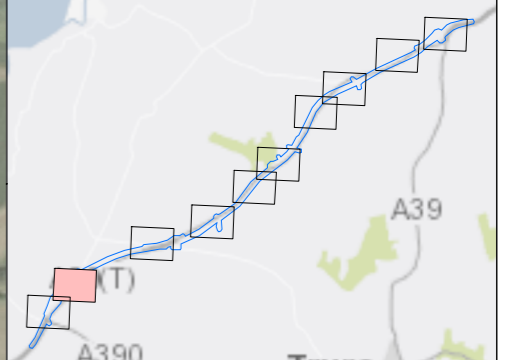
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 Plot Date: 31/10/2017
 Login: DeSouzaJ



- Proposed Project Boundary
- 20m, 50m and 100m Study Areas
- Bat Roost Suitability - Buildings**
- Confirmed Roost
- High
- Moderate
- Low
- Negligible
- N/A
- Bat Roost Suitability - Bridges**
- ▲ Confirmed
- ▲ High
- ▲ Low
- ▲ Moderate
- ▲ Negligible



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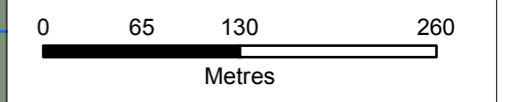
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PAGE 2 OF 10

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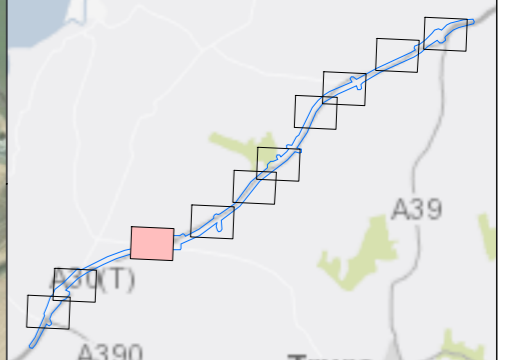
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 Plot Date: 31/10/2017



- Proposed Project Boundary
- 20m, 50m and 100m Study Areas
- Bat Roost Suitability - Buildings**
- Confirmed Roost
- High
- Moderate
- Low
- Negligible
- N/A
- Bat Roost Suitability - Bridges**
- ▲ Confirmed
- ▲ High
- ▲ Low
- ▲ Moderate
- ▲ Negligible



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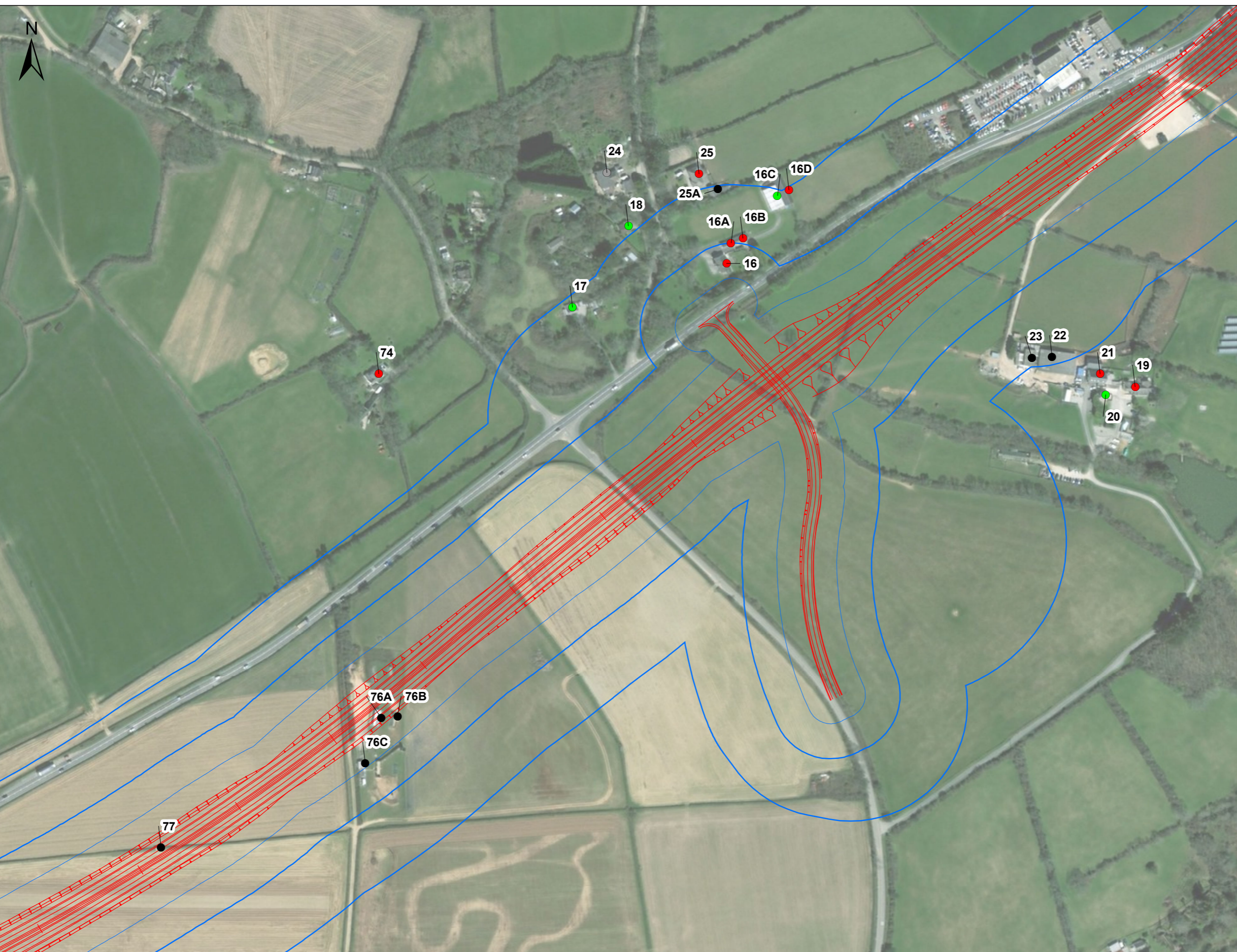
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Title: **BUILT STRUCTURE ROOSTING RESULTS PAGE 3 OF 10**

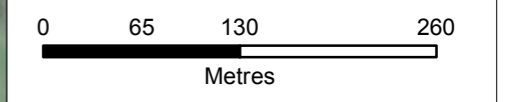
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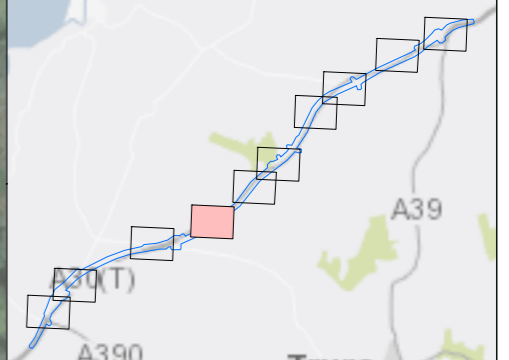
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 Plot Date: 31/10/2017
 Login: DeSouzaJ



- Proposed Project Boundary
- 20m, 50m and 100m Study Areas
- Bat Roost Suitability - Buildings**
- Confirmed Roost
- High
- Moderate
- Low
- Negligible
- N/A
- Bat Roost Suitability - Bridges**
- ▲ Confirmed
- ▲ High
- ▲ Low
- ▲ Moderate
- ▲ Negligible



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Title: **BUILT STRUCTURE ROOSTING RESULTS**
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 Plot Date: 31/10/2017



— Proposed Project Boundary

□ 20m, 50m and 100m Study Areas

Bat Roost Suitability - Buildings

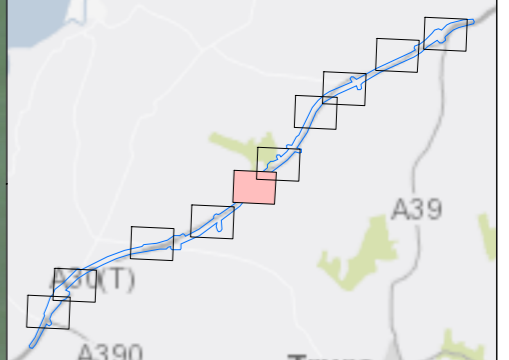
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- High
- Moderate
- Low
- Negligible
- N/A

Bat Roost Suitability - Bridges

- ▲ Confirmed
- ▲ High
- ▲ Low
- ▲ Moderate
- ▲ Negligible

0 65 130 260
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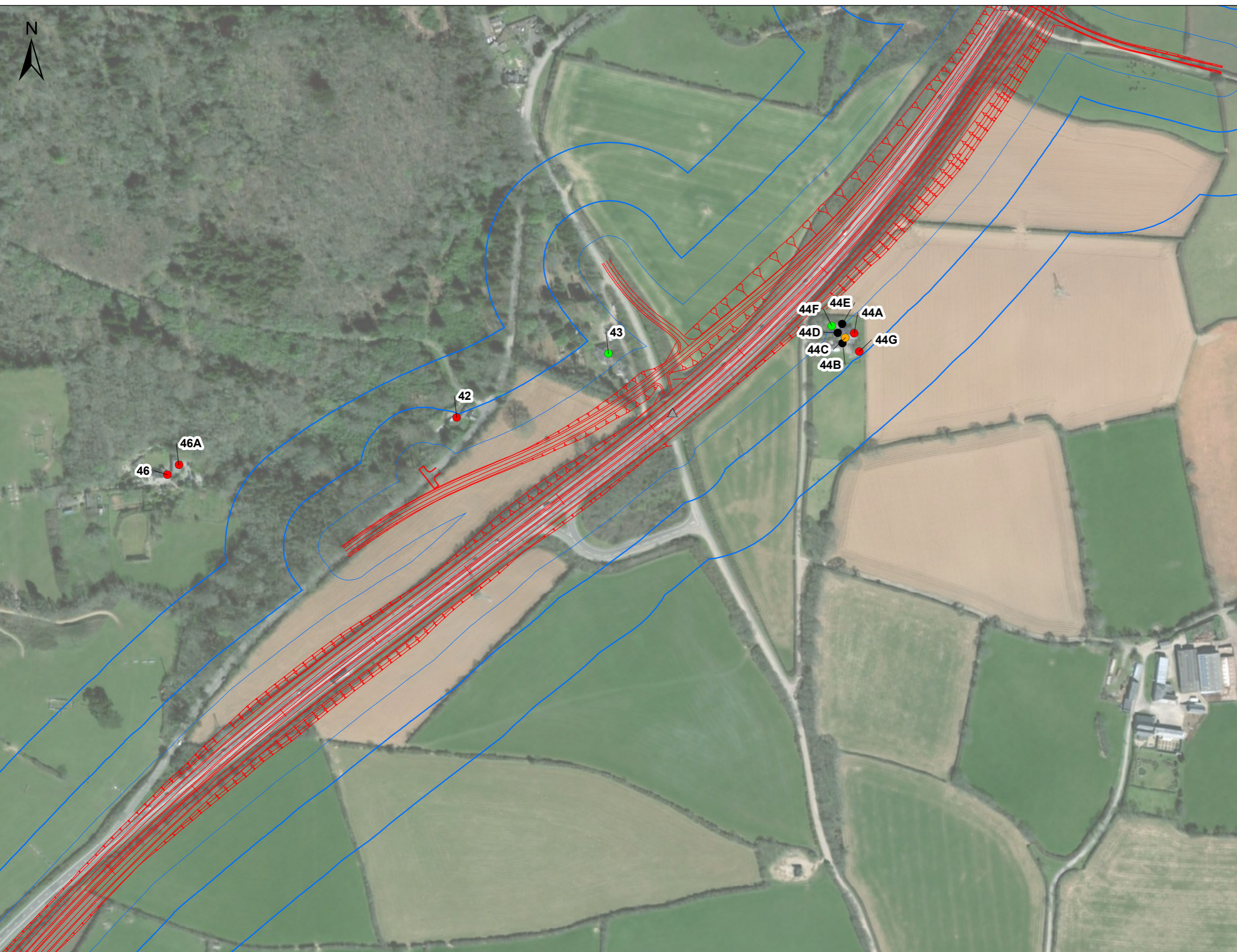
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Title: **BUILT STRUCTURE ROOSTING RESULTS PAGE 5 OF 10**

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 Login: DeSouzaJ
 Plot Date: 31/10/2017



— Proposed Project Boundary

□ 20m, 50m and 100m Study Areas

Bat Roost Suitability - Buildings

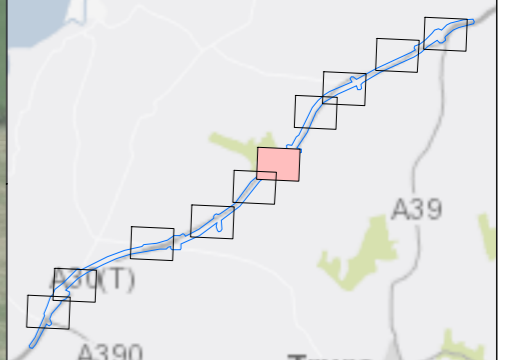
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- High
- Moderate
- Low
- Negligible
- N/A

Bat Roost Suitability - Bridges

- ▲ Confirmed
- ▲ High
- ▲ Low
- ▲ Moderate
- ▲ Negligible

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Title: **BUILT STRUCTURE ROOSTING RESULTS PAGE 6 OF 10**

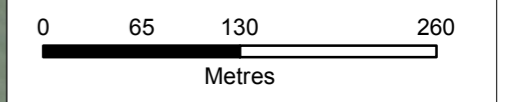
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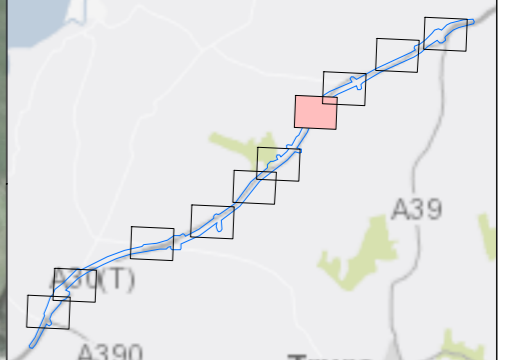
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 Login: DeSouzaJ
 Plot Date: 31/10/2017



- Proposed Project Boundary
- 20m, 50m and 100m Study Areas
- Bat Roost Suitability - Buildings**
- Confirmed Roost
- High
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- Low
- Negligible
- N/A
- Bat Roost Suitability - Bridges**
- ▲ Confirmed
- ▲ High
- ▲ Low
- ▲ Moderate
- ▲ Negligible



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Title: **BUILT STRUCTURE ROOSTING RESULTS PAGE 7 OF 10**

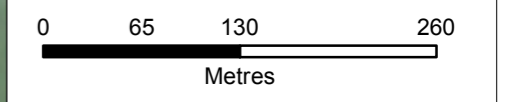
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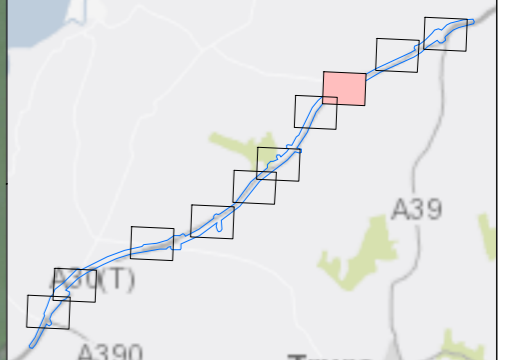
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- Proposed Project Boundary
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- Negligible
- N/A
- Bat Roost Suitability - Bridges**
- ▲ Confirmed
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- ▲ Low
- ▲ Moderate
- ▲ Negligible




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Title: **BUILT STRUCTURE ROOSTING RESULTS**
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Capped Mine Shaft

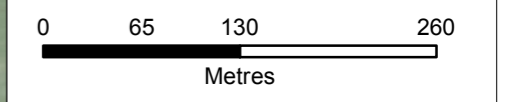
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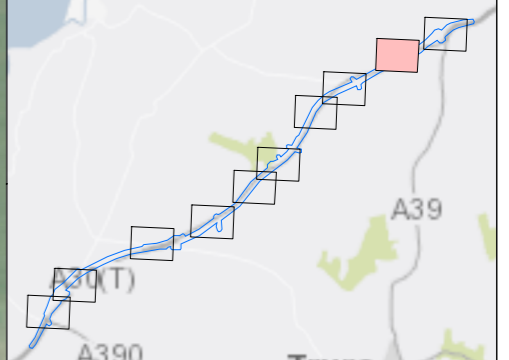
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- Proposed Project Boundary
- 20m, 50m and 100m Study Areas
- Bat Roost Suitability - Buildings**
- Confirmed Roost
- High
- Moderate
- Low
- Negligible
- N/A
- Bat Roost Suitability - Bridges**
- ▲ Confirmed
- ▲ High
- ▲ Low
- ▲ Moderate
- ▲ Negligible



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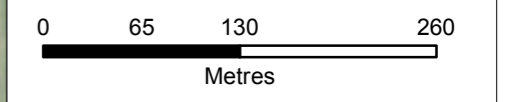
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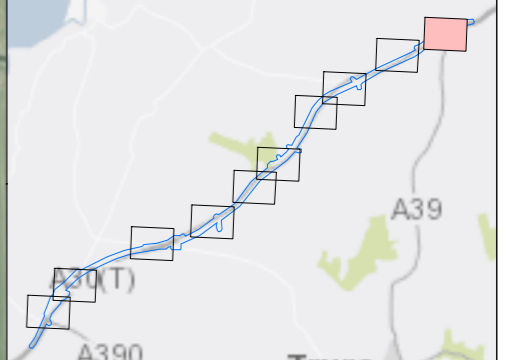
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- Moderate
- Low
- Negligible
- N/A
- Bat Roost Suitability - Bridges**
- ▲ Confirmed
- ▲ High
- ▲ Low
- ▲ Moderate
- ▲ Negligible



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Title: **BUILT STRUCTURE ROOSTING RESULTS**
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