

Hornsea Project Three  
Offshore Wind Farm



## Hornsea Project Three Offshore Wind Farm

Preliminary Environmental Information Report:  
Annex 3.2 – Great Crested Newt Habitat Suitability Index and Desmoulin's Whorl Snail Habitat Suitability Assessment surveys: Interim  
Report (Part 2)

Date: July 2017

**Hornsea 3**  
Offshore Wind Farm

**DONG**  
energy

**Environmental Impact Assessment**

**Preliminary Environmental Information Report**

**Volume 6**

**Annex 3.2 - Great Crested Newt Habitat Suitability Index and Desmoulin’s Whorl Snail Habitat Suitability Assessment surveys: Interim Report**

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Report Number: P6.6.3.2

Version: Final

Date: July 2017

This report is also downloadable from the Hornsea Project Three offshore wind farm website at:

[www.dongenergy.co.uk/hornseaproject3](http://www.dongenergy.co.uk/hornseaproject3)

DONG Energy Power (UK) Ltd.

5 Howick Place,

London, SW1P 1WG

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Front cover picture: Kite surfer near one of DONG Energy's UK offshore wind farms © DONG Energy Hornsea Project Three (UK) Ltd., 2016.

Prepared by: Thomson Ecology Limited

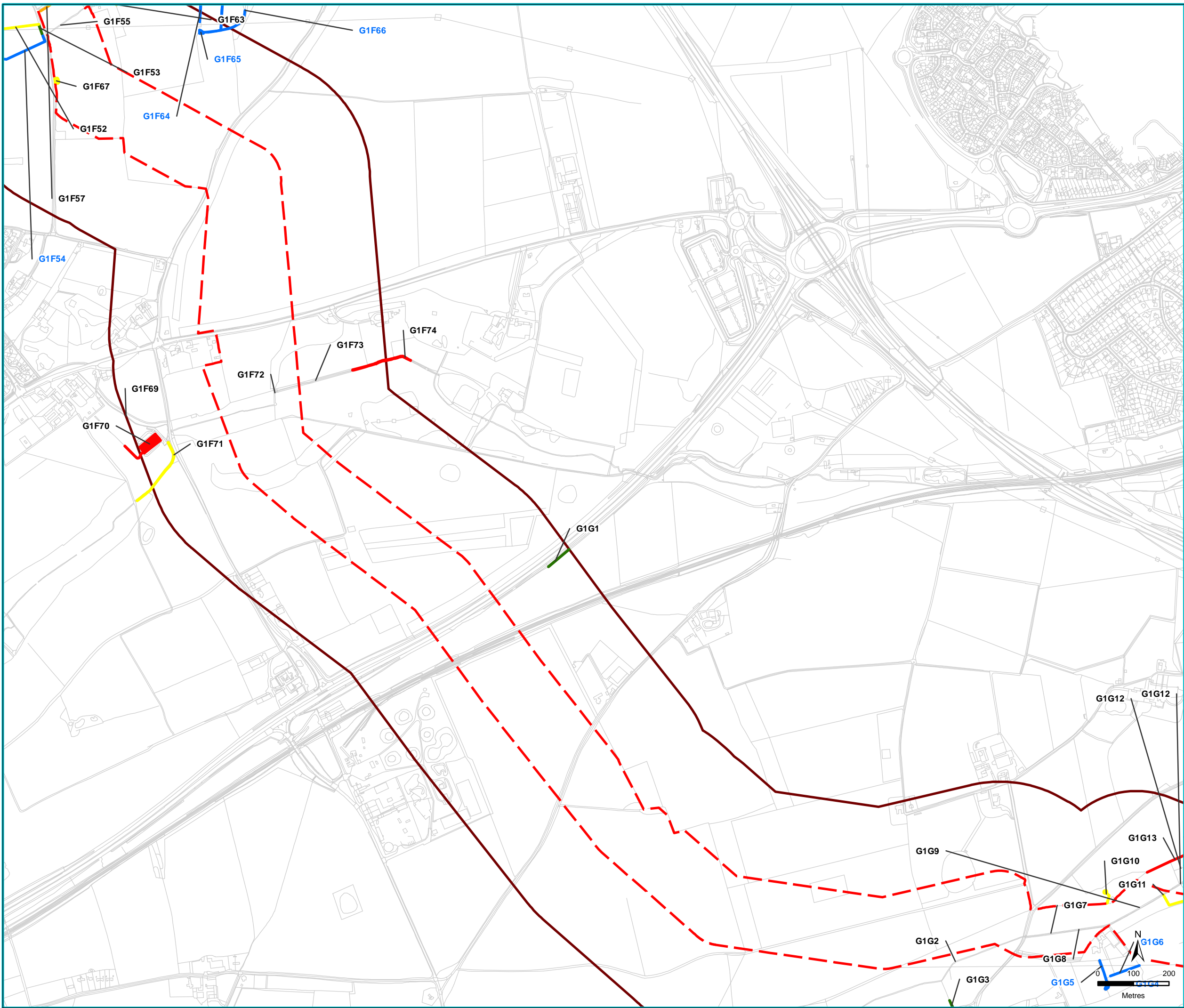
Checked by: Jennifer Brack

Accepted by: Jennifer Brack

Approved by: Andrew Guyton



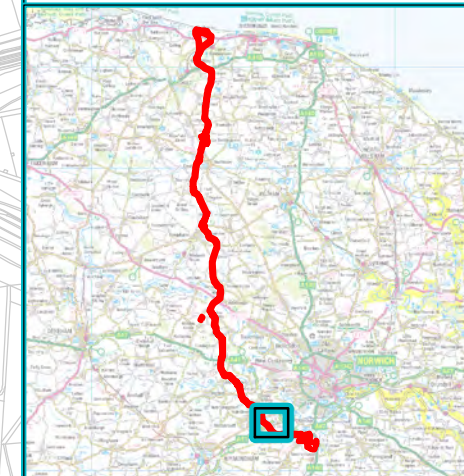
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Legend

Habitat Suitability Index Category

- Excellent
- Good
- Average
- Poor
- No HSI Category - Waterbody Requiring Survey
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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Date: 22/06/2017	Date: 22/06/2017
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Client: DONG Energy (UK) Ltd.

Figure Number: 2

Figure Title: GCN HSI Survey Results



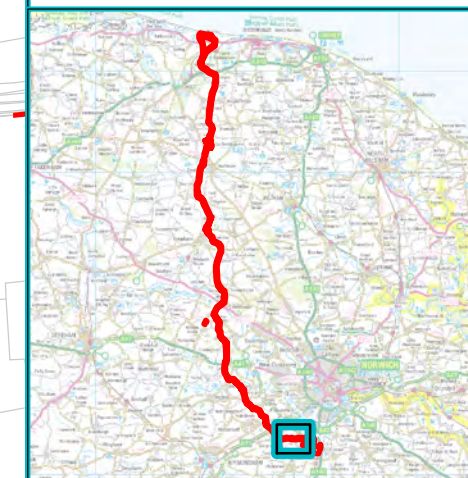


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Legend

**Habitat Suitability Index Category**

- Excellent
- Average
- Below Average
- Poor
- No HSI Category - Waterbody Requiring Survey
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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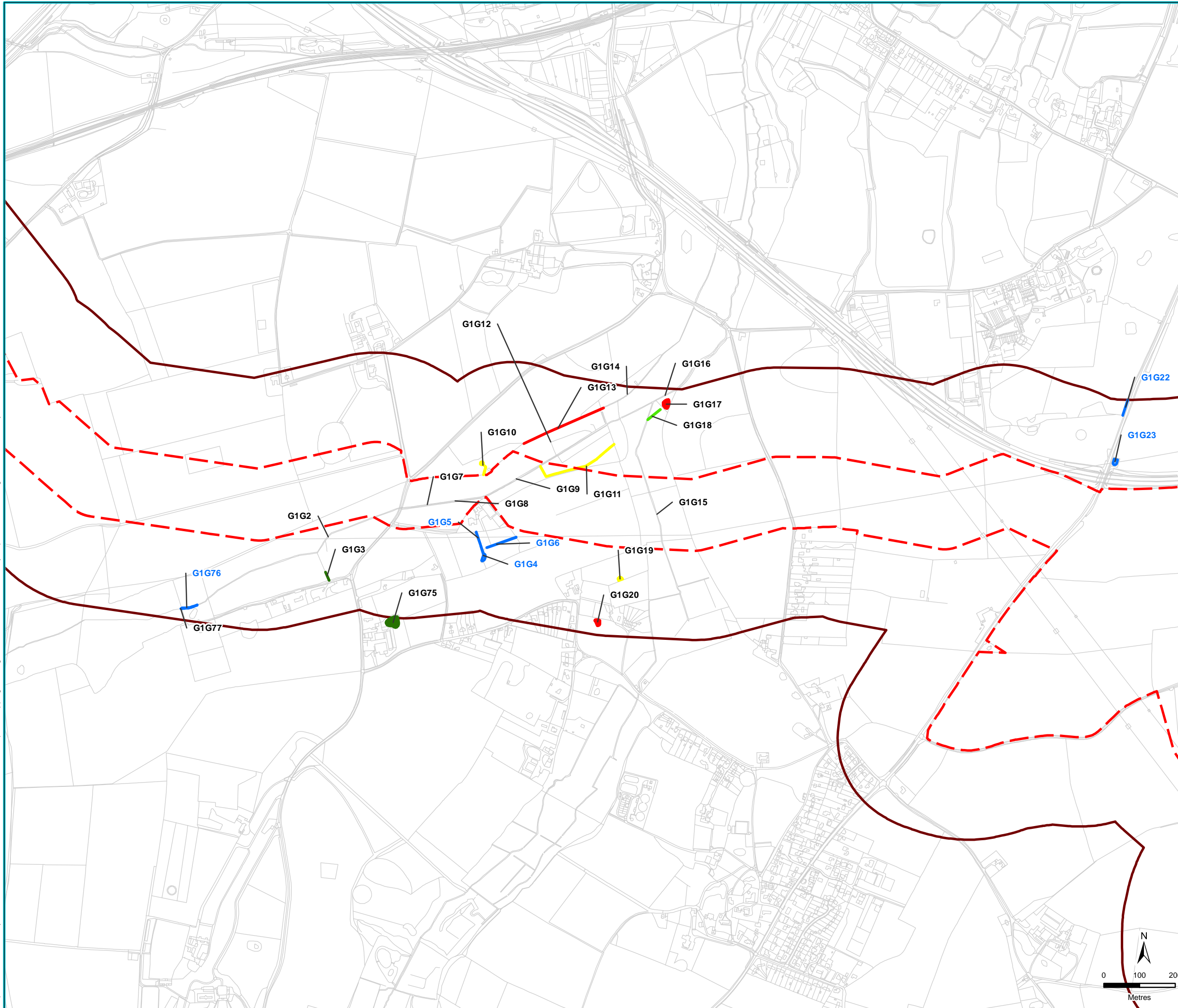
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Date <b>22/06/2017</b>	Date <b>22/06/2017</b>
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Client  
**DONG Energy (UK) Ltd.**

Figure Number  
**2**

Figure Title  
**GCN HSI Survey Results**



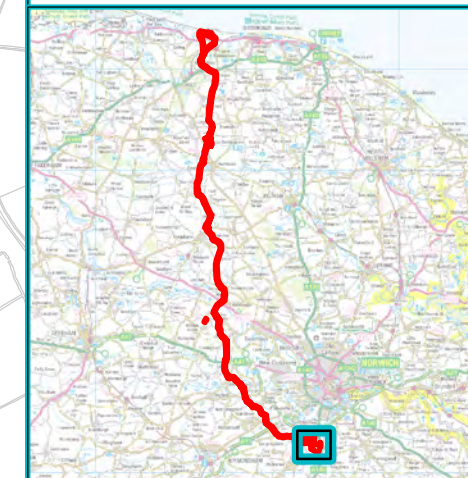


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Legend

Habitat Suitability Index Category

- Good
- Average
- Below Average
- Poor
- No HSI Category - Waterbody Requiring Survey
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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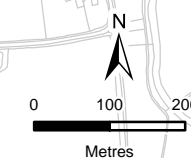
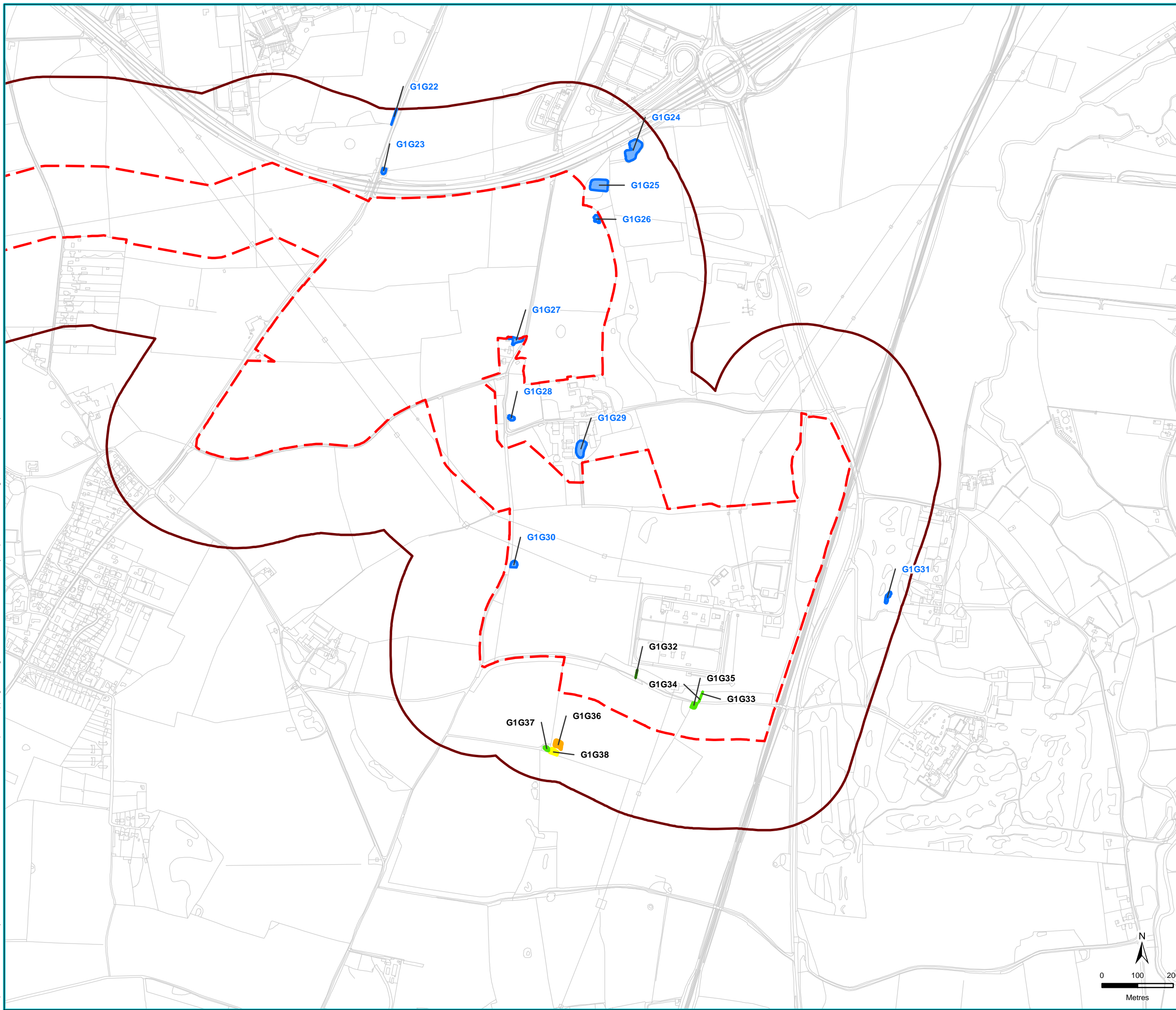
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Date: 22/06/2017	Date: 22/06/2017
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Client: DONG Energy (UK) Ltd.

Figure Number: 2

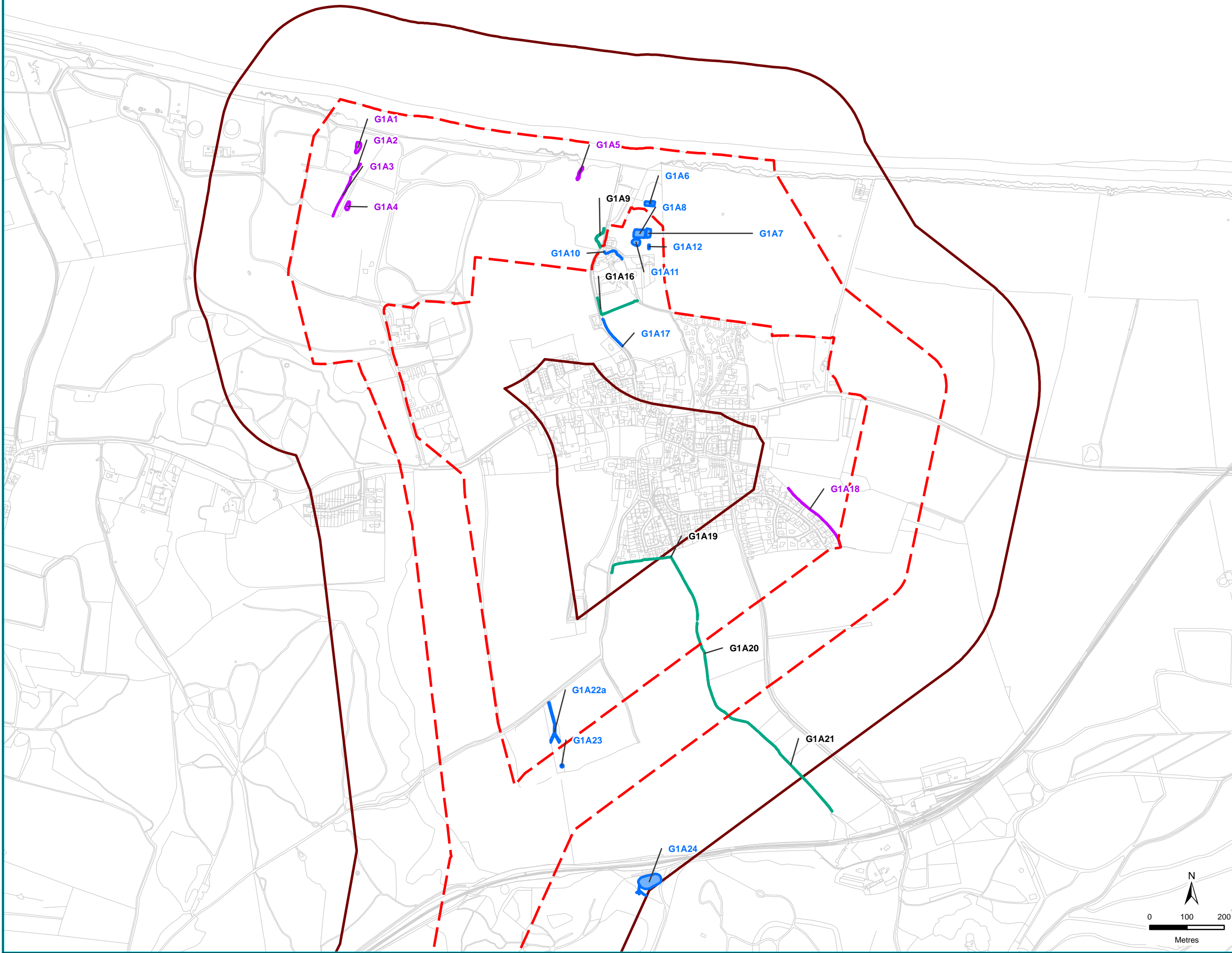
Figure Title: GCN HSI Survey Results





Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (running water)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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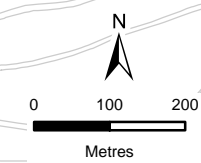
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Date: <b>22/06/2017</b>	Date: <b>22/06/2017</b>
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Client: **DONG Energy (UK) Ltd.**

Figure Number: **3a**

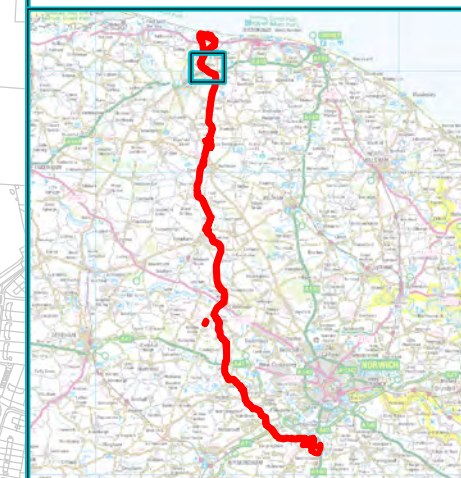
Figure Title: **Waterbodies Requiring Further GCN HSI Assessment**





Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (running water)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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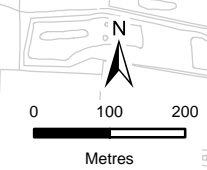
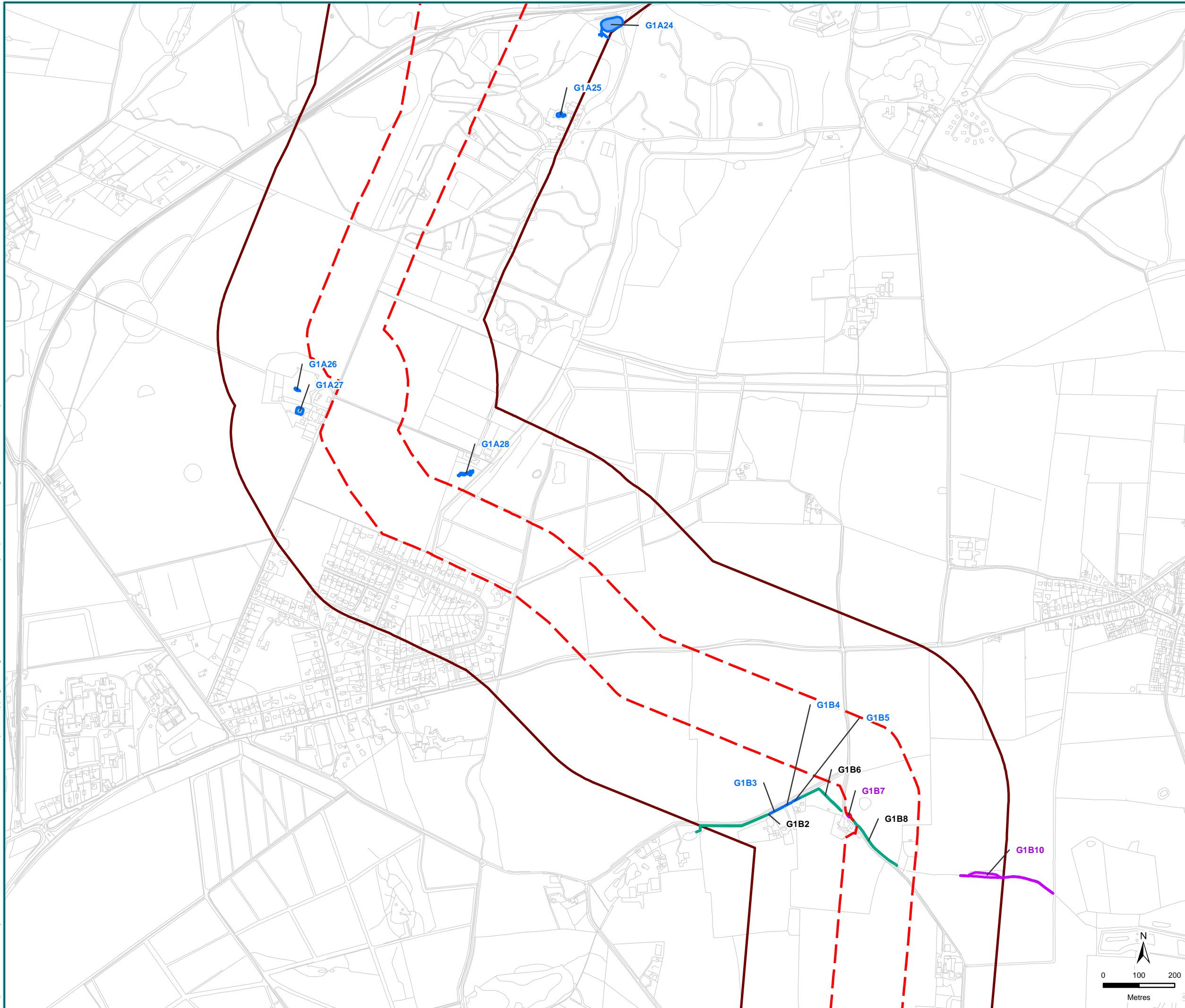
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Date: <b>22/06/2017</b>	Date: <b>22/06/2017</b>
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Client: **DONG Energy (UK) Ltd.**

Figure Number: **3b**

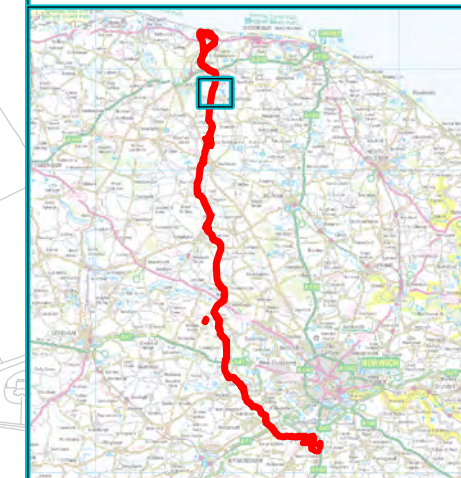
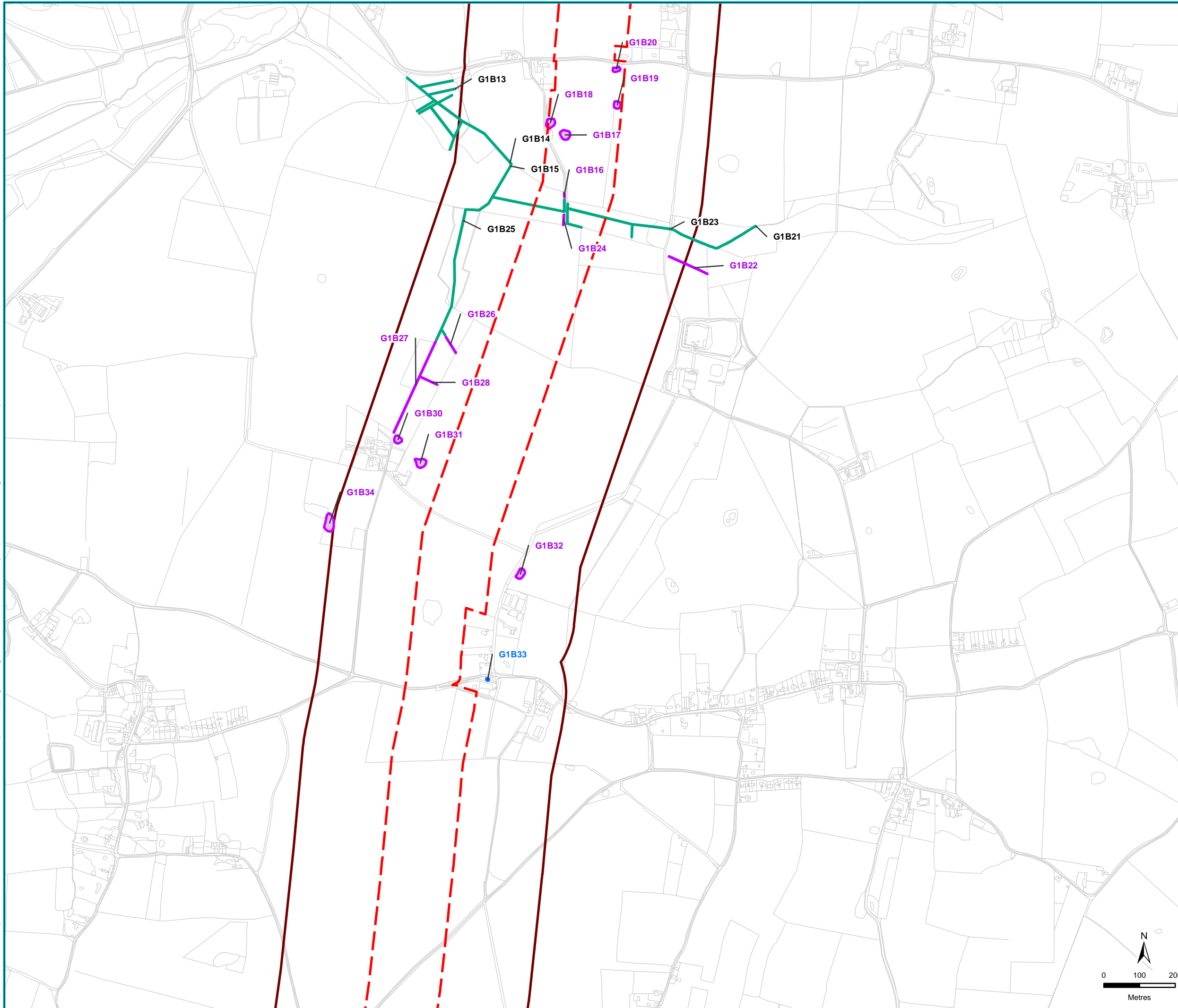
Figure Title: **Waterbodies Requiring Further GCN HSI Assessment**



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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (running water)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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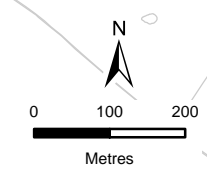
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Date: 22/06/2017	Date: 22/06/2017

Client: DONG Energy (UK) Ltd.

Figure Number: 3c

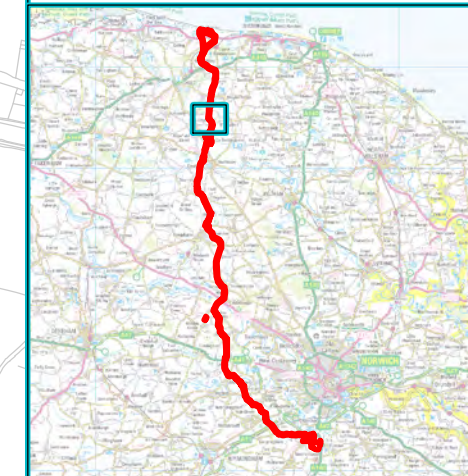
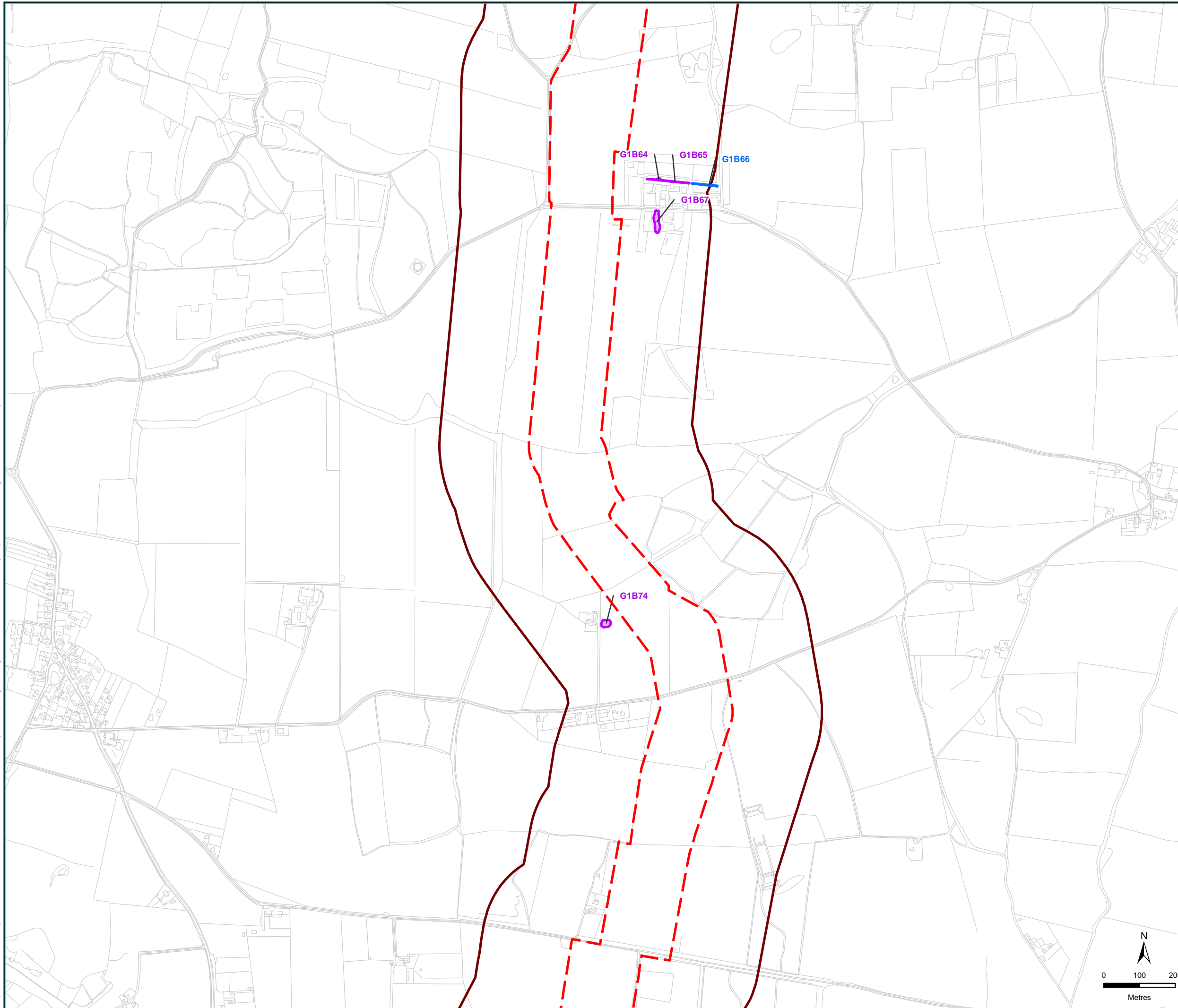
Figure Title: Waterbodies Requiring Further GCN HSI Assessment





Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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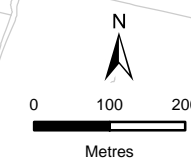
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Date <b>22/06/2017</b>	Date <b>22/06/2017</b>
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Client **DONG Energy (UK) Ltd.**

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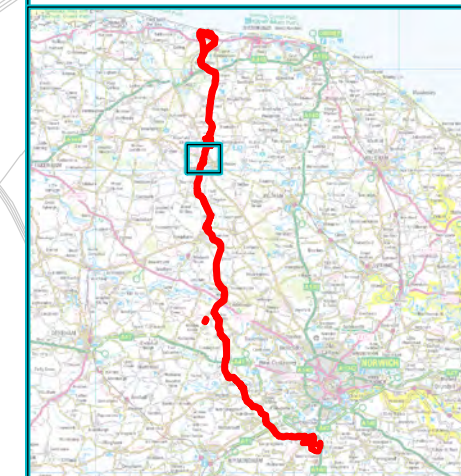
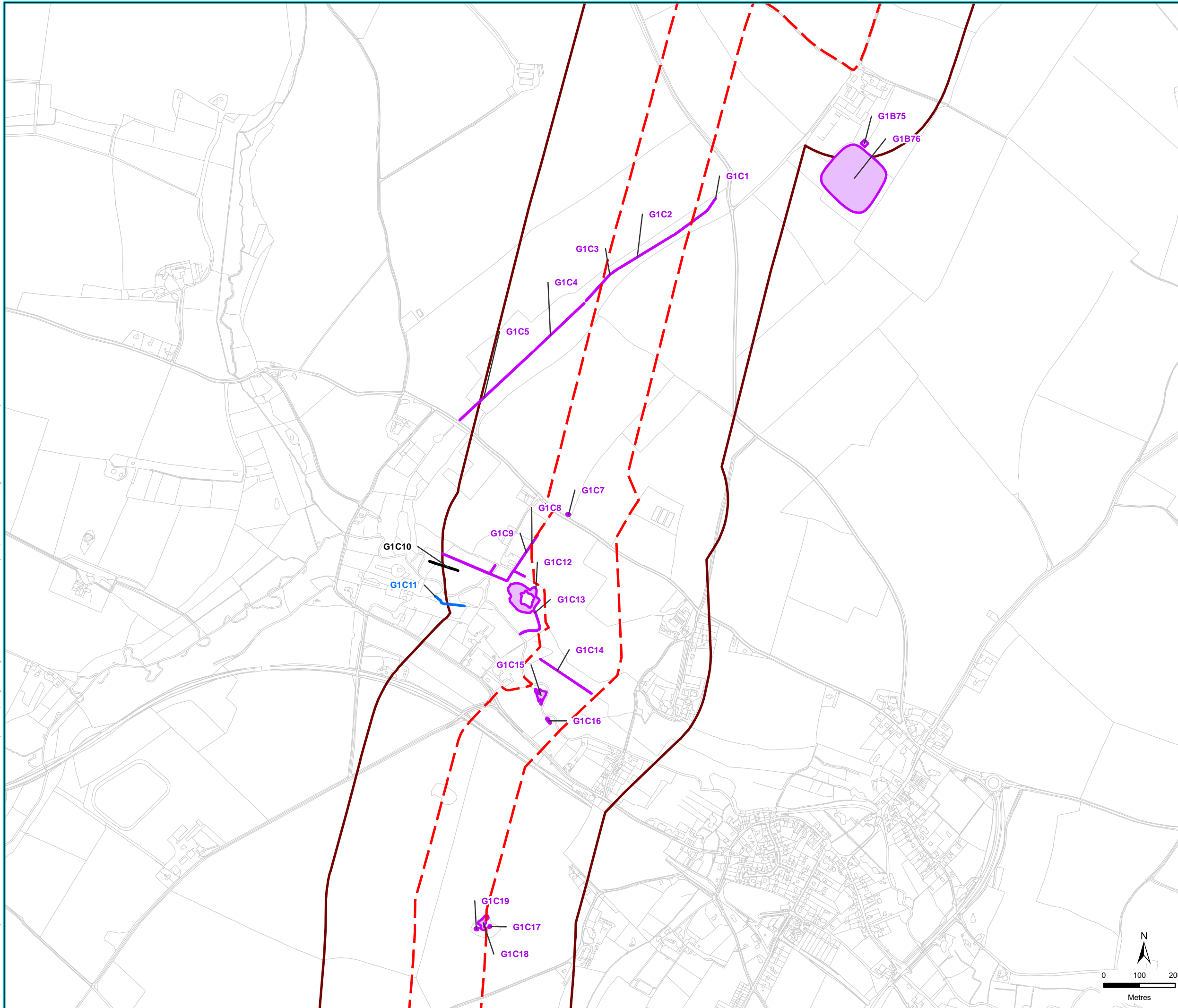
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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (no waterbody)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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Scale at A3 **1:10,000**

Drawn <b>NS</b>	Checked <b>HC</b>
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Date <b>22/06/2017</b>	Date <b>22/06/2017</b>
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Client **DONG Energy (UK) Ltd.**

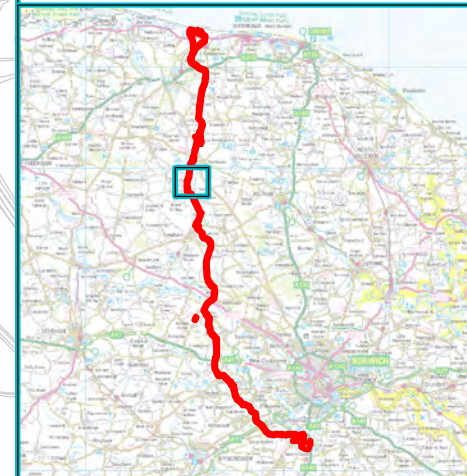
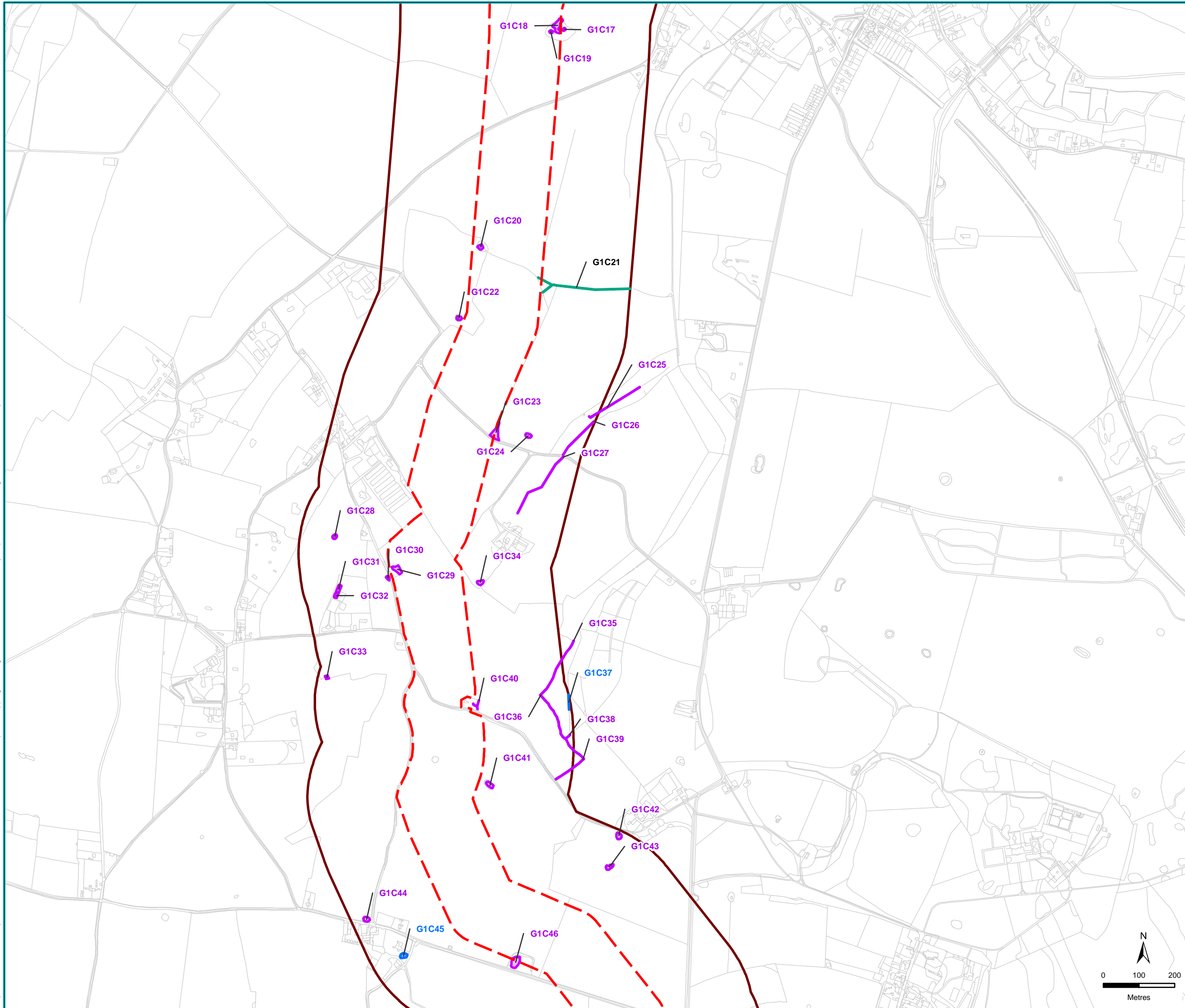
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Figure Title **Waterbodies Requiring Further GCN HSI Assessment**



Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (running water)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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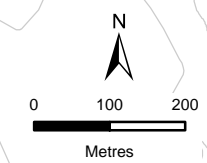
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Date: <b>22/06/2017</b>	Date: <b>22/06/2017</b>
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Client: **DONG Energy (UK) Ltd.**

Figure Number: **3f**

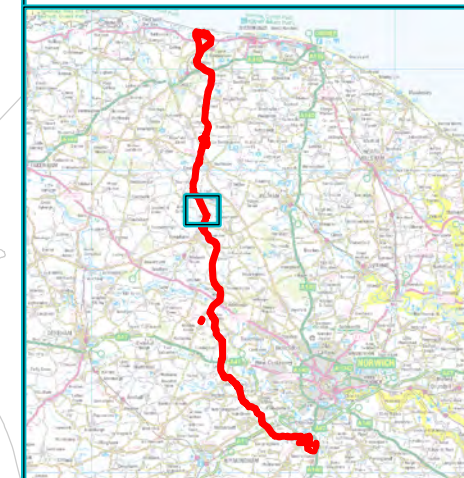
Figure Title: **Waterbodies Requiring Further GCN HSI Assessment**



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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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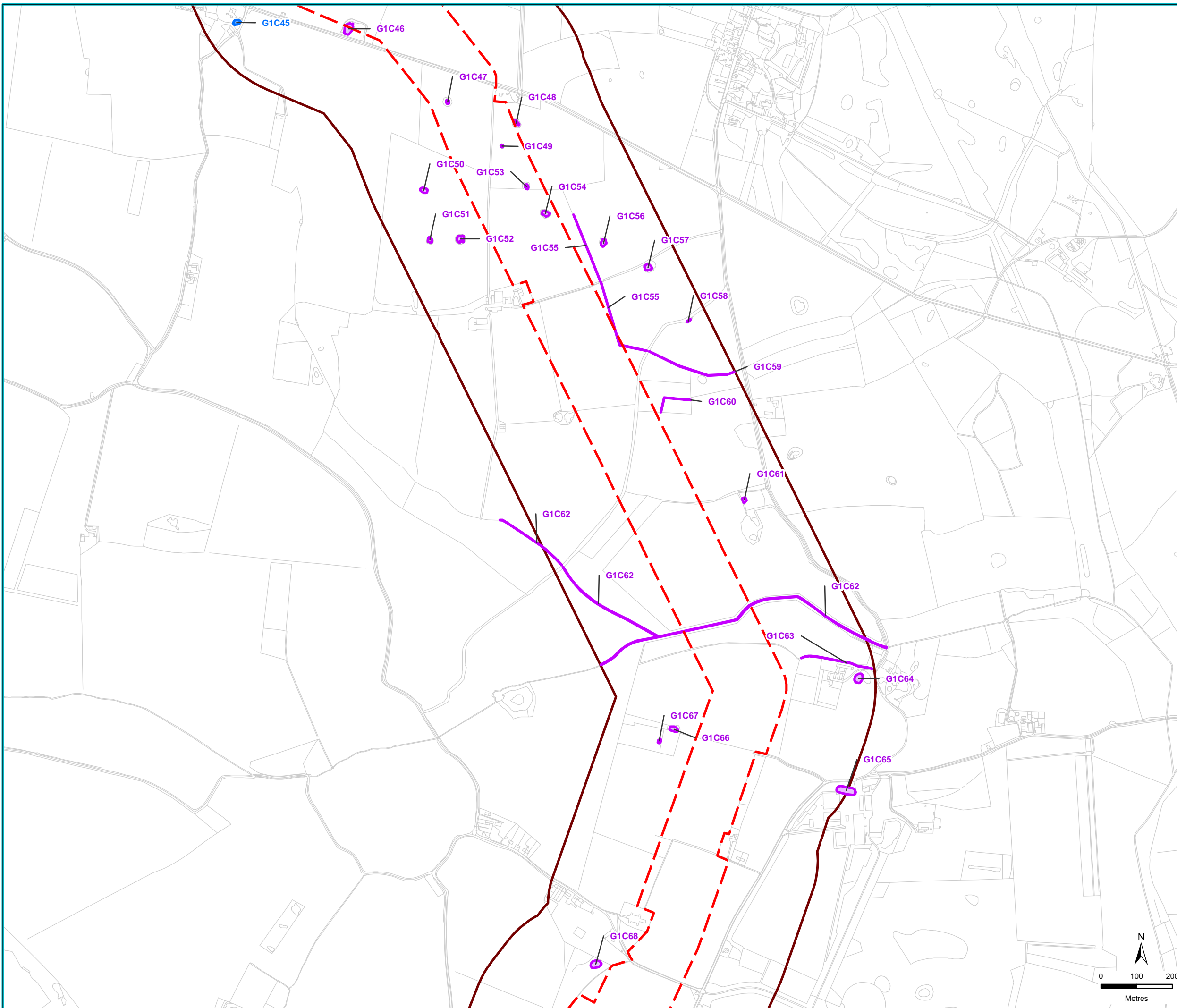
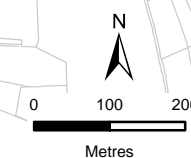
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Date: <b>22/06/2017</b>	Date: <b>22/06/2017</b>
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Client: **DONG Energy (UK) Ltd.**

Figure Number: **3g**

Figure Title: **Waterbodies Requiring Further GCN HSI Assessment**

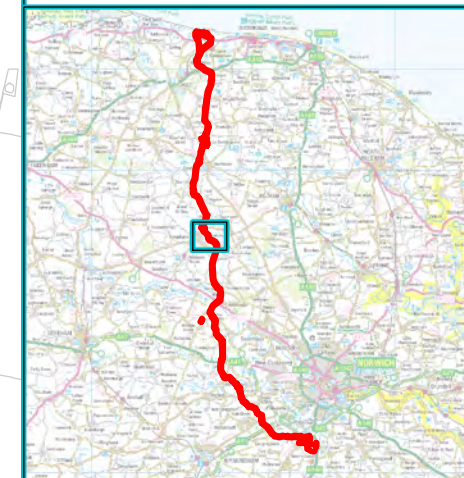




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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (running water)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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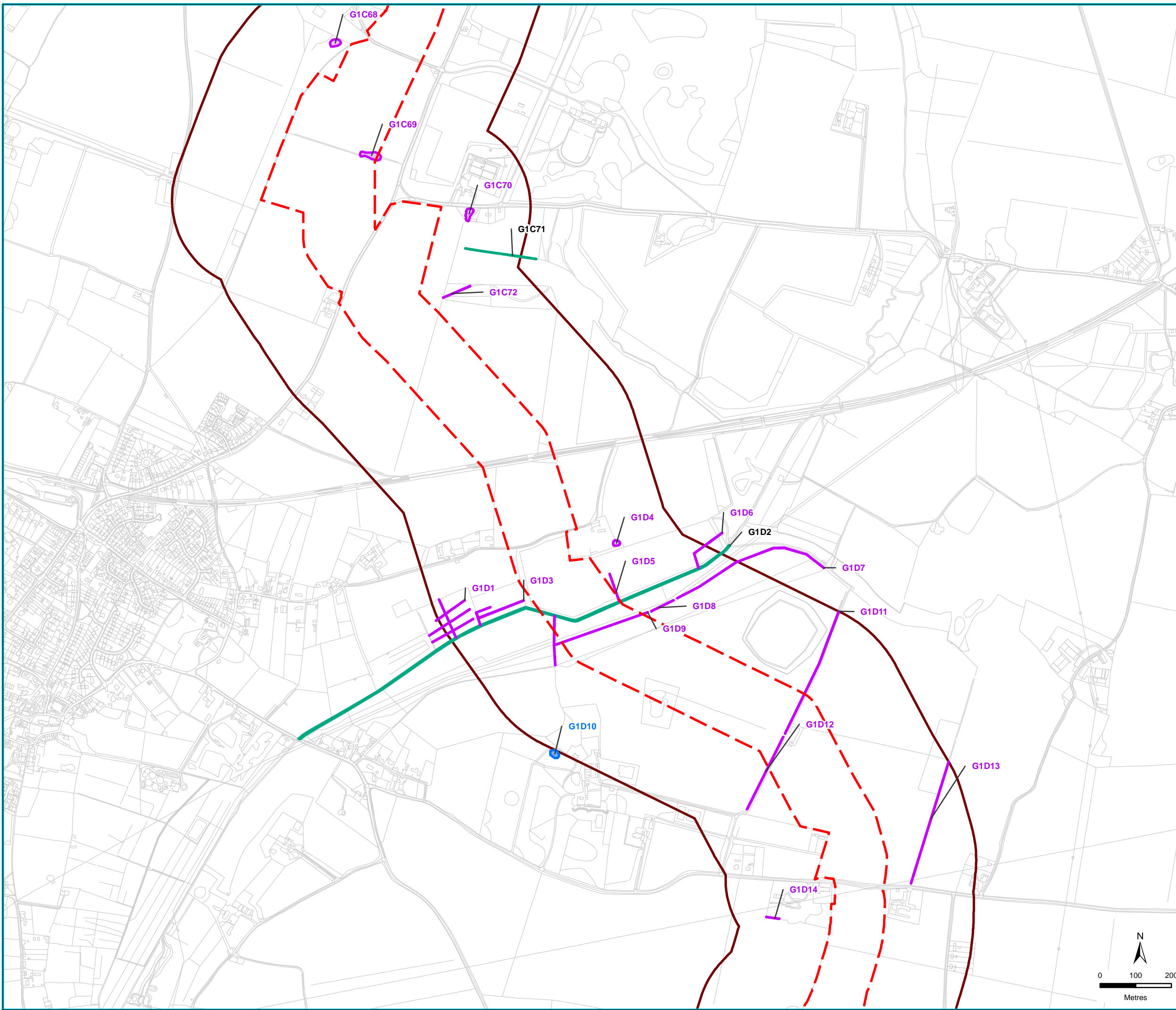
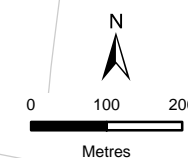
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Date 22/06/2017	Date 22/06/2017

Client  
DONG Energy (UK) Ltd.

Figure Number  
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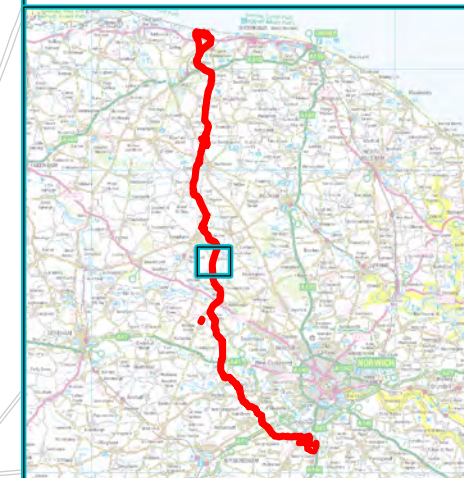
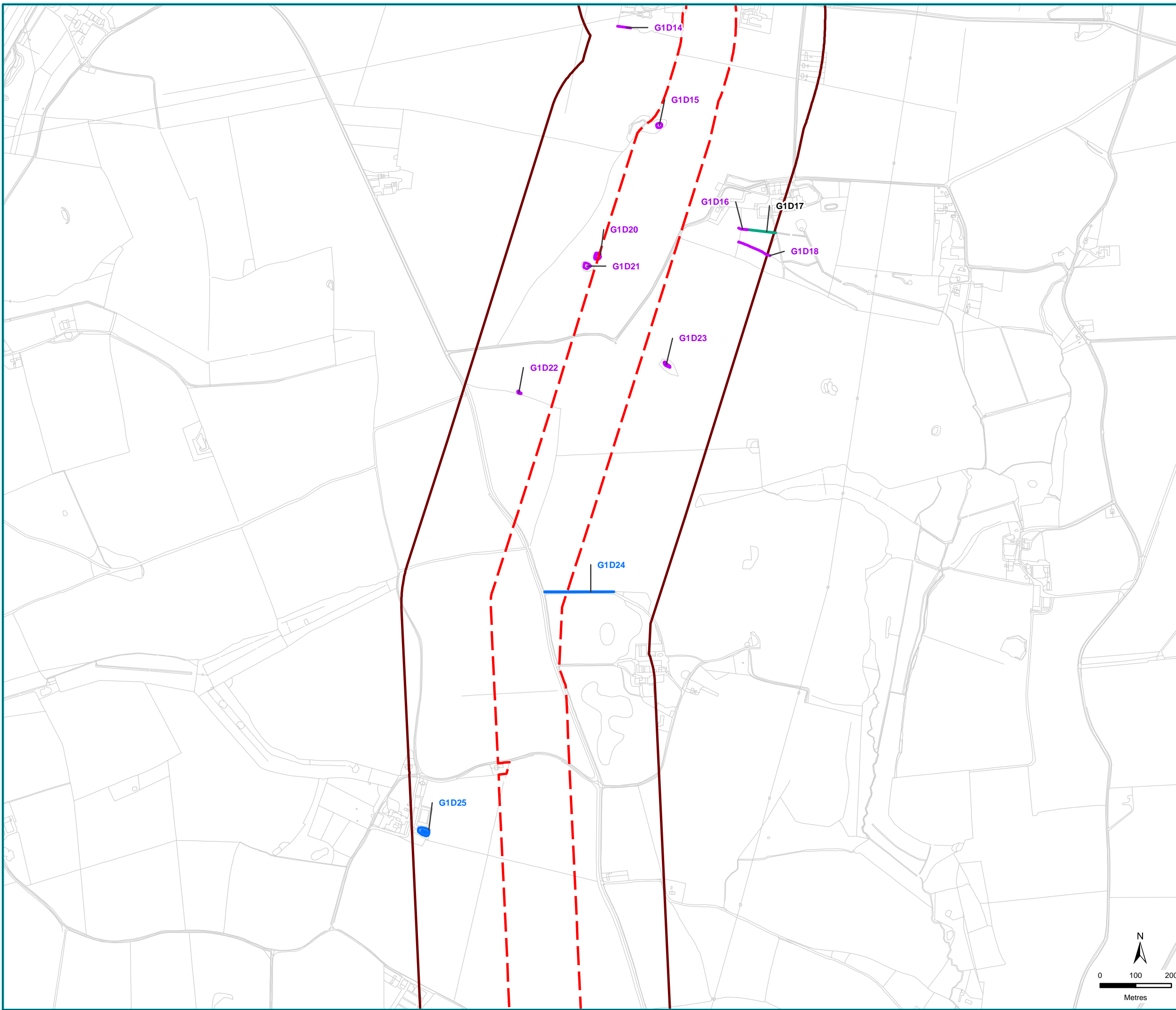
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Waterbodies Requiring Further GCN HSI Assessment



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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (running water)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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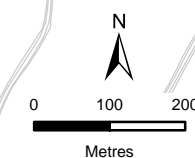
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Date <b>22/06/2017</b>	Date <b>22/06/2017</b>
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Client  
**DONG Energy (UK) Ltd.**

Figure Number  
**3i**

Figure Title  
**Waterbodies Requiring Further GCN HSI Assessment**

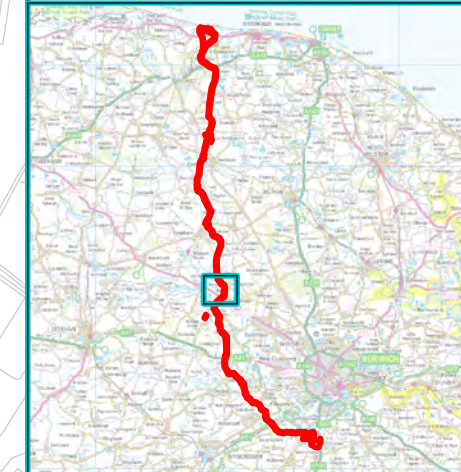
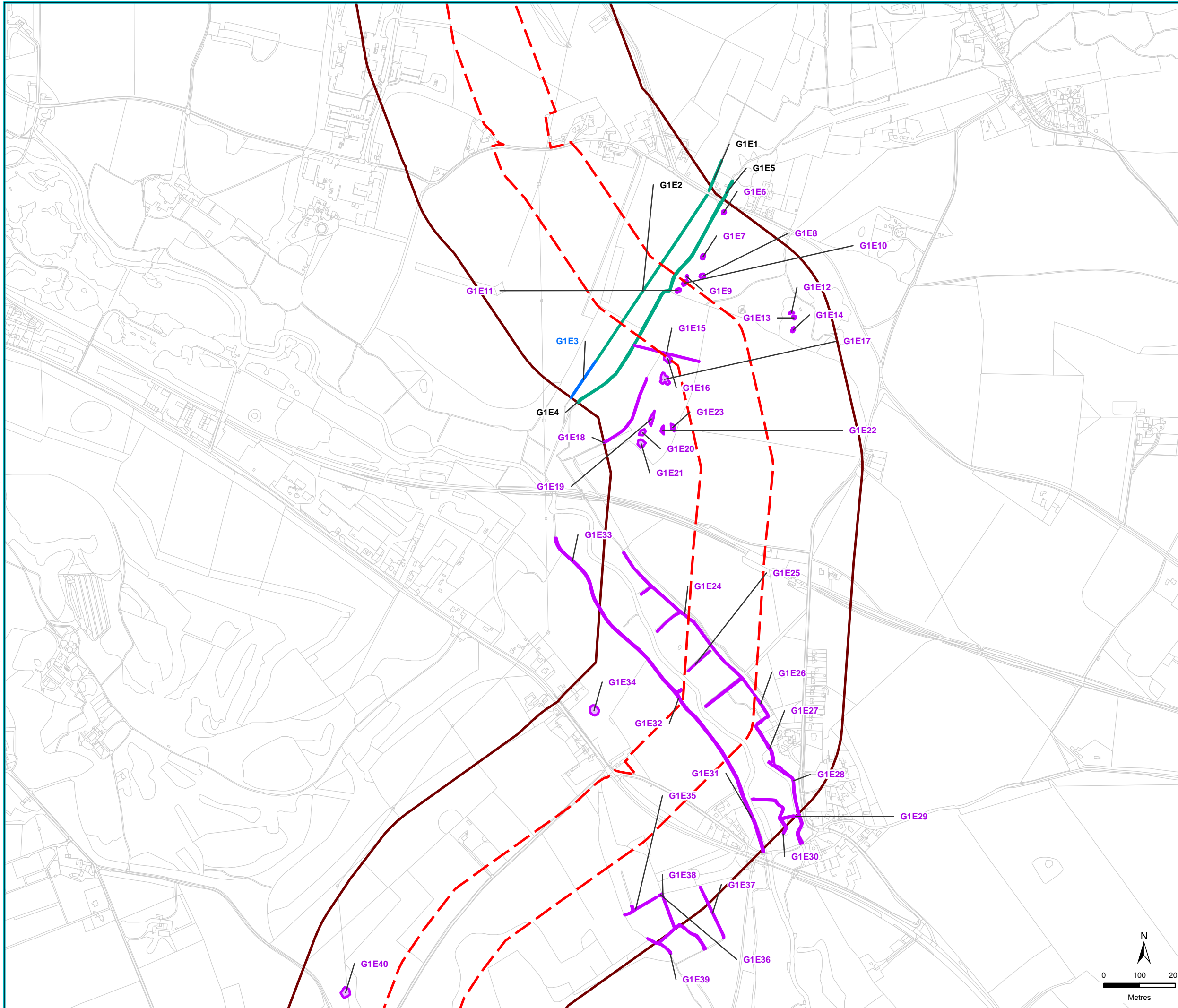




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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (running water)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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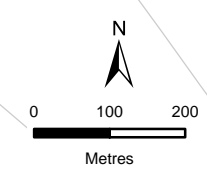
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Client: DONG Energy (UK) Ltd.

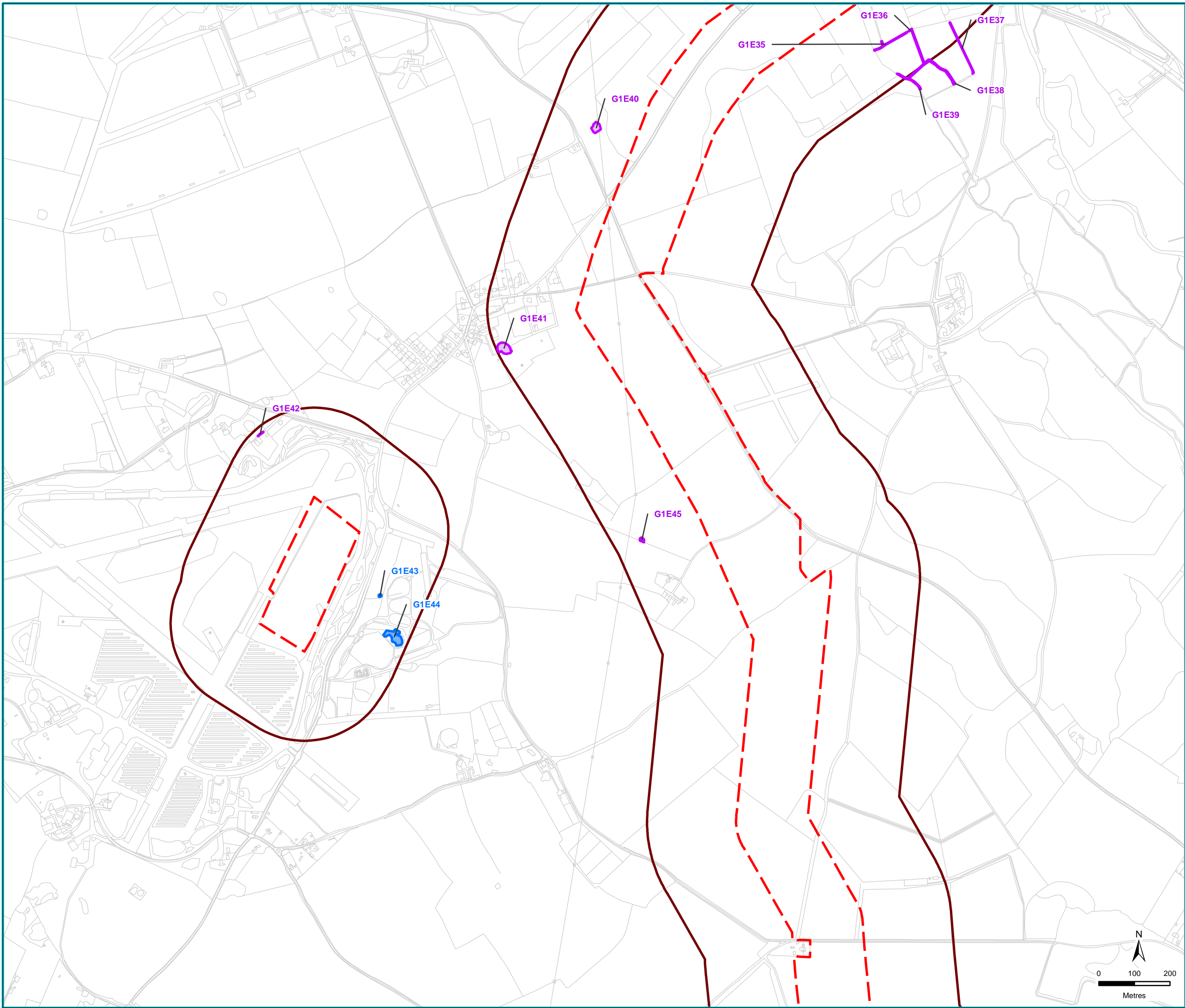
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Figure Title: Waterbodies Requiring Further GCN HSI Assessment





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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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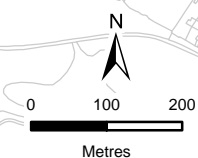
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Date <b>22/06/2017</b>	Date <b>22/06/2017</b>
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Client **DONG Energy (UK) Ltd.**

Figure Number **3k**

Figure Title **Waterbodies Requiring Further GCN HSI Assessment**

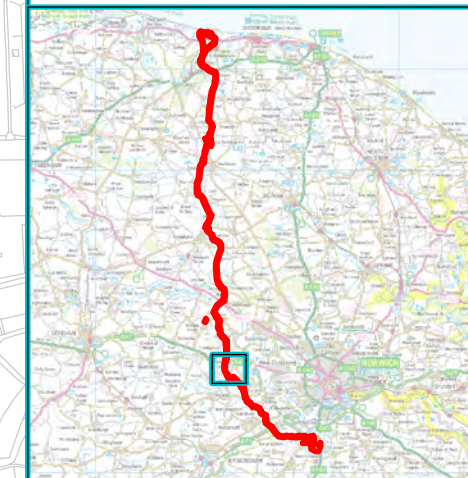




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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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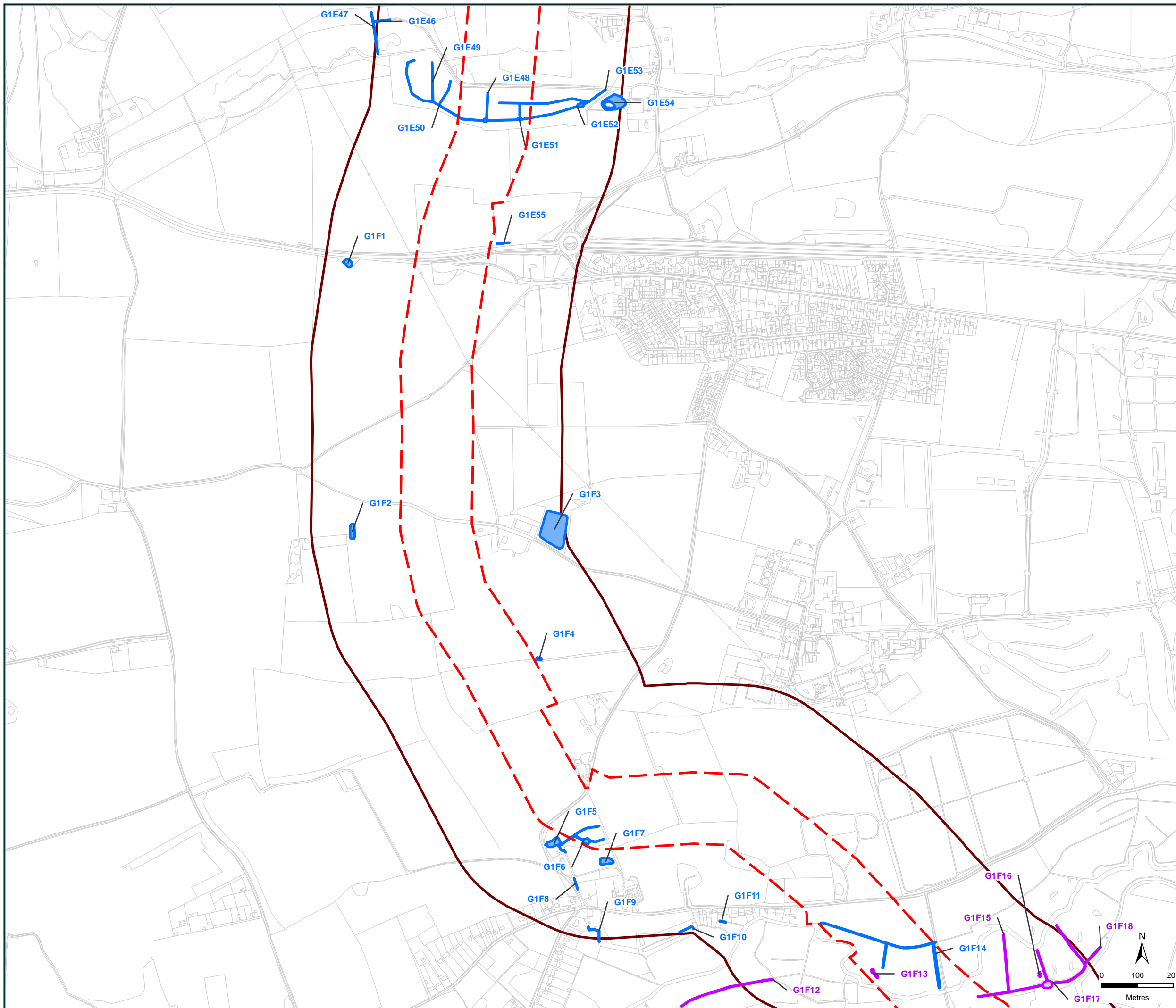
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Client  
DONG Energy (UK) Ltd.

Figure Number  
31

Figure Title  
Waterbodies Requiring Further GCN HSI Assessment

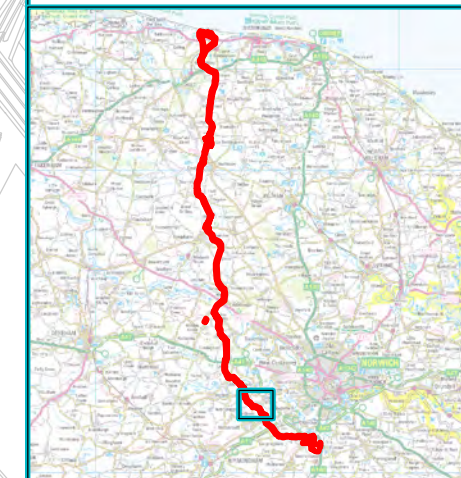




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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (no waterbody)
- Scoped out (running water)
- Scoped out (used for fishing)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



Site Grid Reference: 615.842 306.776  
Contains Ordnance Survey data.  
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Drawing Ref: FDEW112/22926/1

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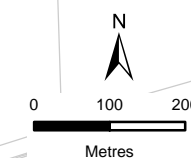
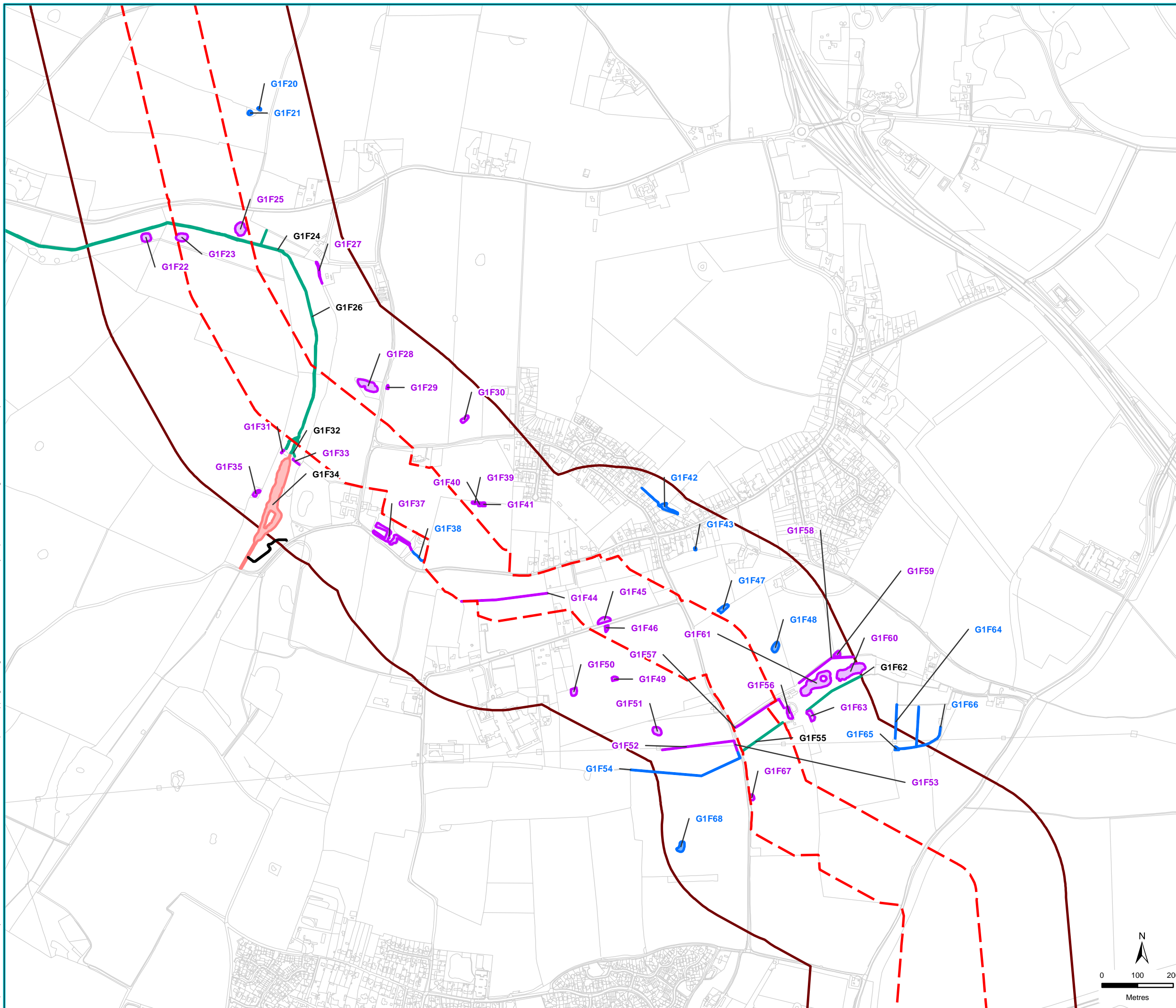
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Date: 22/06/2017	Date: 22/06/2017
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Client: DONG Energy (UK) Ltd.

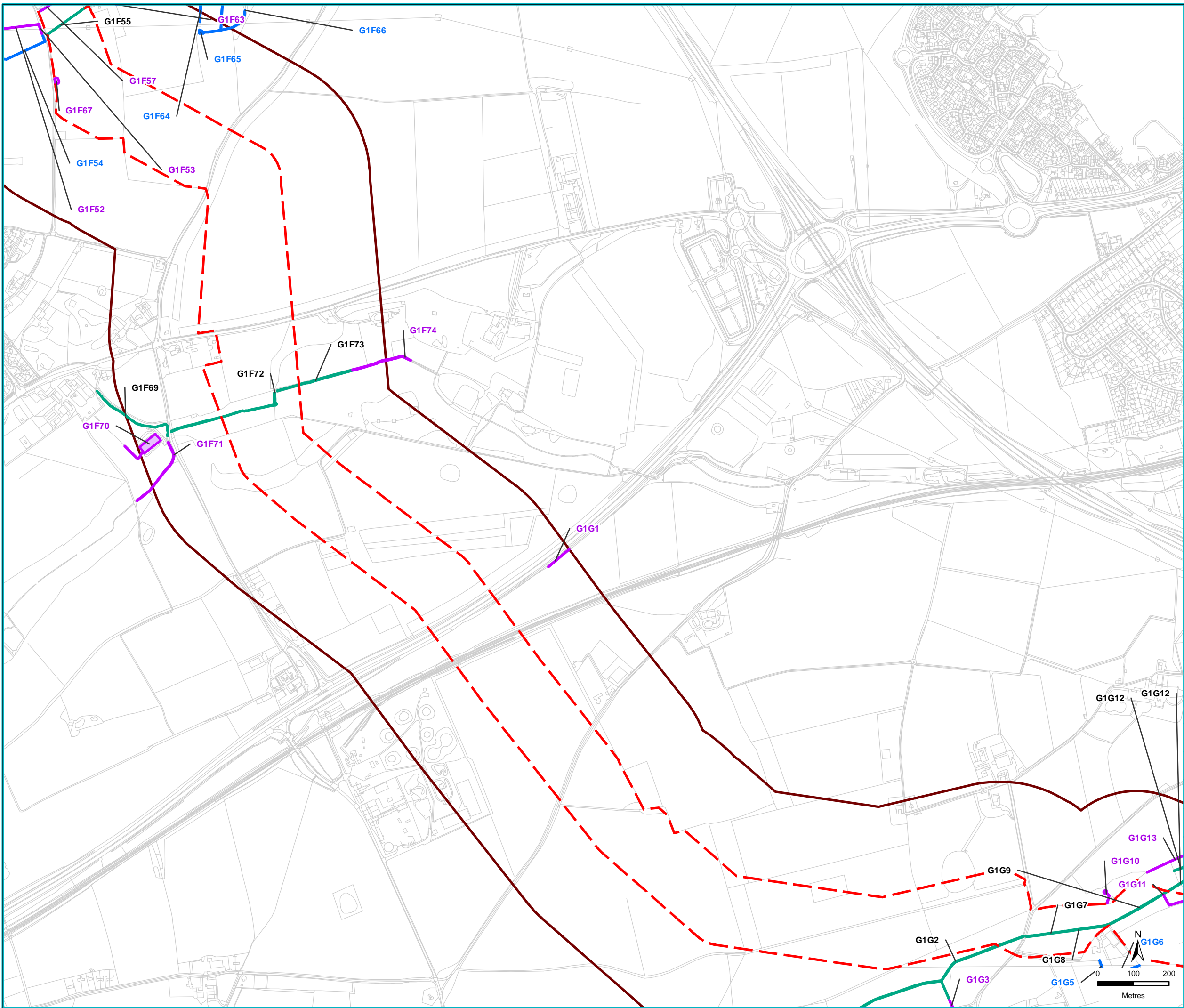
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Figure Title: Waterbodies Requiring Further GCN HSI Assessment





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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (running water)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



Site Grid Reference: 617,786 304,766  
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Drawing Ref: **FDEW112/22927/1**

Scale at A3: **1:10,000**

Drawn: <b>NS</b>	Checked: <b>HC</b>
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Date: <b>22/06/2017</b>	Date: <b>22/06/2017</b>
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Client: **DONG Energy (UK) Ltd.**

Figure Number: **3n**

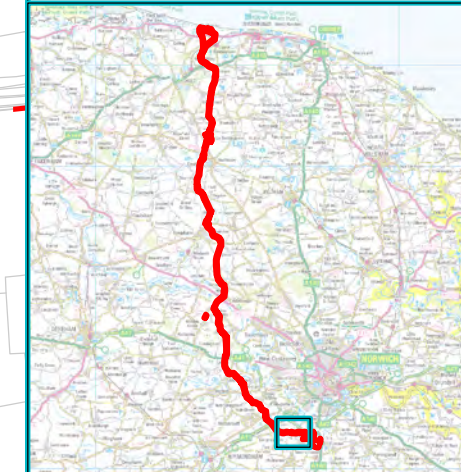
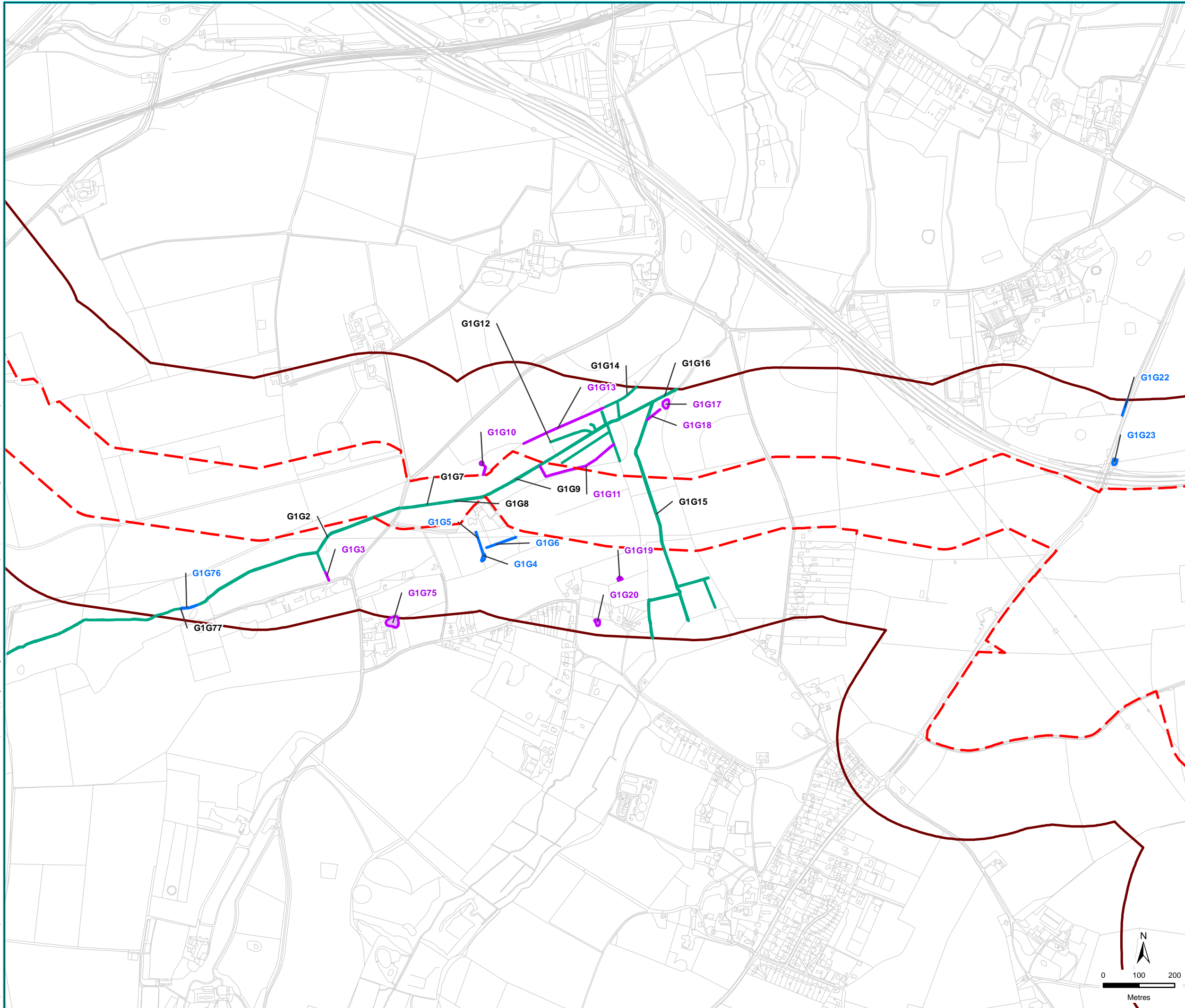
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Legend

- No HSI Category - Waterbody Requiring Survey
- Waterbody Requiring Further Survey
- Scoped out (running water)
- GCN HSI Survey Area
- Onshore Cable Corridor Search Area



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Scale at A3  
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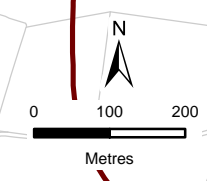
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Date <b>22/06/2017</b>	Date <b>22/06/2017</b>
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Client  
**DONG Energy (UK) Ltd.**

Figure Number  
**30**





Figure Title  
**Waterbodies Requiring Further GCN HSI Assessment**

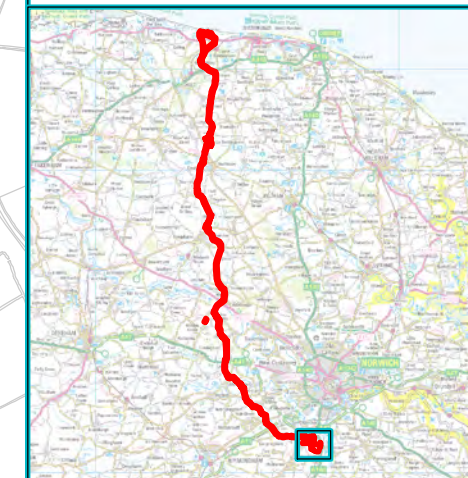
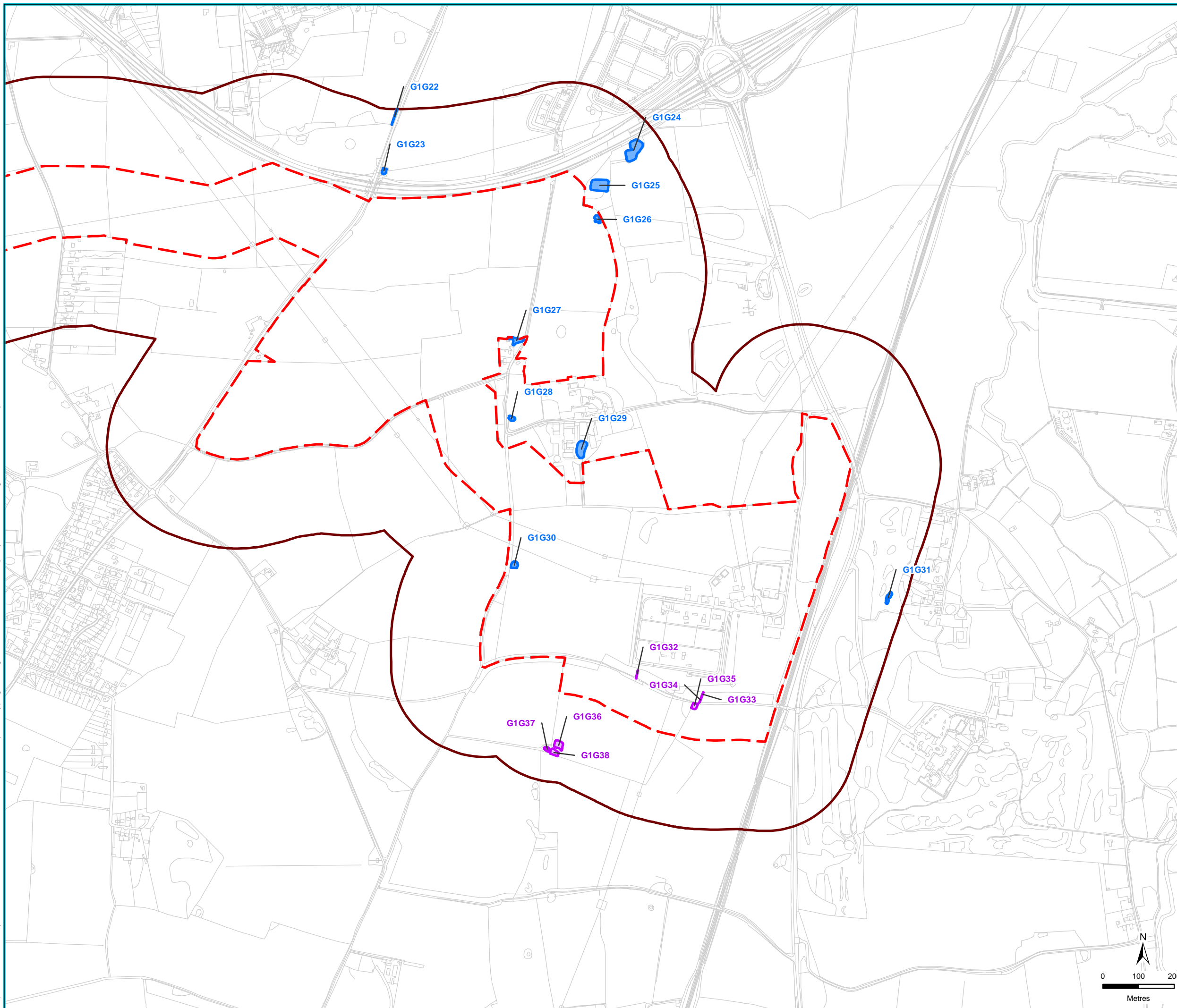




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Legend

-  No HSI Category - Waterbody Requiring Survey
-  Waterbody Requiring Further Survey
-  GCN HSI Survey Area
-  Onshore Cable Corridor Search Area



Site Grid Reference: 621.593 302.743  
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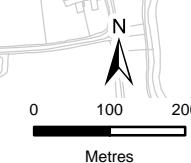
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Date <b>22/06/2017</b>	Date <b>22/06/2017</b>
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Client  
**DONG Energy (UK) Ltd.**

Figure Number  
**3p**

Figure Title  
**Waterbodies Requiring Further GCN HSI Assessment**





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G1A1



G1A2



G1A3



G1A4



G1A5



G1A9

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Figure Number	4a		Scale at A4	Not applicable	
Figure Title	Drawn	AS	Checked	NS	
	Date	08/03/2017	Date	08/03/2017	

  
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G1A16



G1A18



G1A19



G1A20



G1A21



G1B2

Client	DONG Energy (UK) Ltd.		Drawing Ref	FDEW112/22931/1	
Figure Number	4b		Scale at A4	Not applicable	
Figure Title	Drawn	AS	Checked	NS	
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G1B6



G1B7



G1B8




G1B9



G1B10



G1B13

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Figure Number	4c		Scale at A4	Not applicable		
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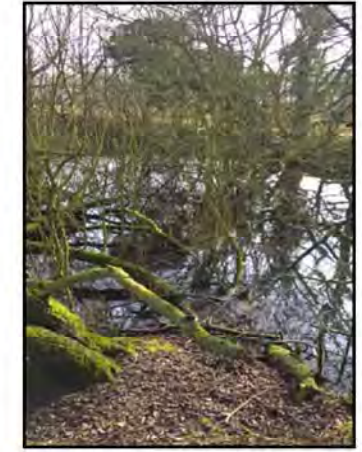
G1B14



G1B15



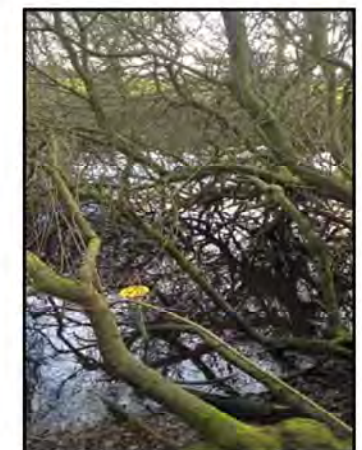
G1B16




G1B17



G1B18



G1B19

Client	DONG Energy (UK) Ltd.		Drawing Ref	FDEW112/22933/1		 <a href="http://www.thomsonecology.com">www.thomsonecology.com</a> <a href="mailto:enquiries@thomsonecology.com">enquiries@thomsonecology.com</a>
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G1B20



G1B21



G1B22



G1B23



G1B24



G1B25



G1B26



G1B27



G1B28



G1B29





G1B30



G1B31

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Figure Number	4e		Scale at A4	Not applicable		
Figure Title	Photographs of GCN HSI Waterbodies		Drawn	AS	Checked	
	Date	08/03/2017	Date	08/03/2017		

Client	DONG Energy (UK) Ltd.		Drawing Ref	FDEW112/22935/1		 www.thomsonecology.com enquiries@thomsonecology.com
Figure Number	4f		Scale at A4	Not applicable		
Figure Title	Photographs of GCN HSI Waterbodies		Drawn	AS	Checked	
	Date	08/03/2017	Date	08/03/2017		



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G1B32



G1B34



G1B36



G1B37



G1B38



G1B53

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Figure Title	Drawn	AS	Checked	NS	
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G1B54



G1B55



G1B56



G1B58



G1B59



G1B60

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G1B61



G1B62



G1B64




G1B65



G1B67



G1B68

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G1B69



G1B70



G1B71



G1B72




G1B73



G1B74

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G1B75



G1B76



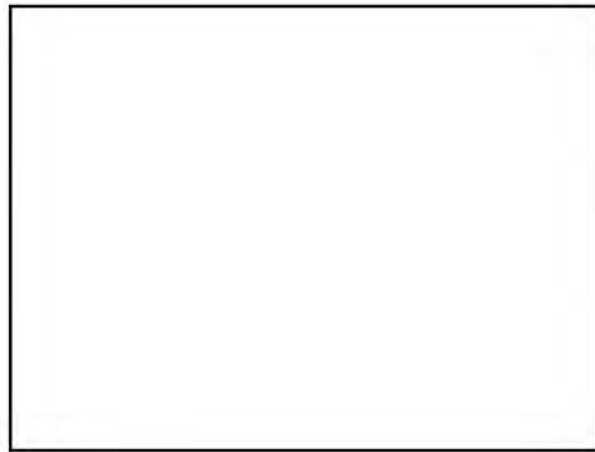
G1C1



G1C2



G1C3



G1C4

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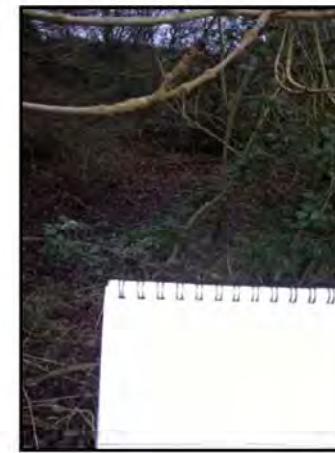
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G1C5



G1C6



G1C7



G1C8



G1C9



G1C10

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G1C12



G1C13



G1C14



G1C15



G1C16



G1C17

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Figure Title	Drawn	AS	Checked	NS	
	Date	08/03/2017	Date	08/03/2017	
	Photographs of GCN HSI Waterbodies				

  
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G1C18



G1C19



G1C20



G1C21



G1C22



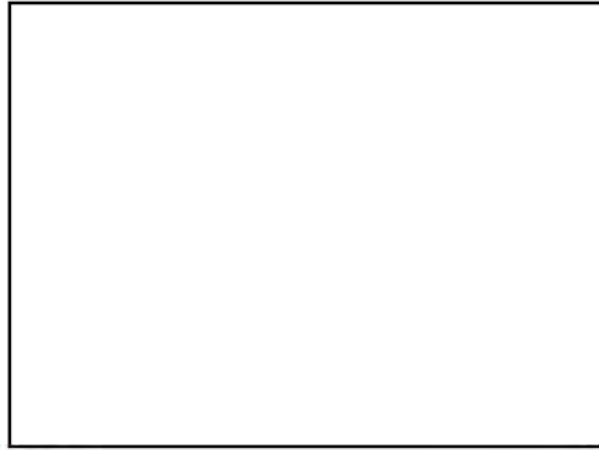
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	Date	08/03/2017	Date	08/03/2017	
	Photographs of GCN HSI Waterbodies				

  
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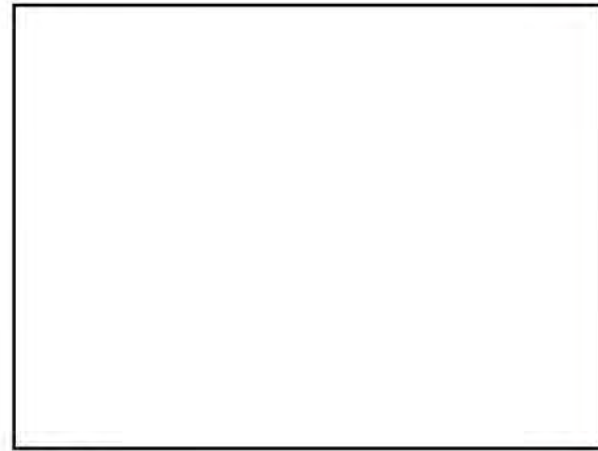
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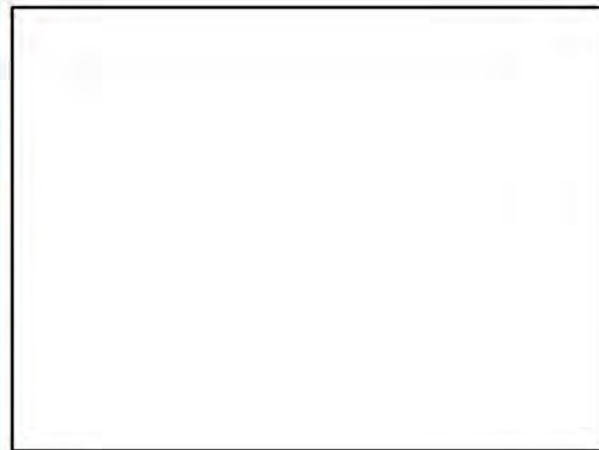
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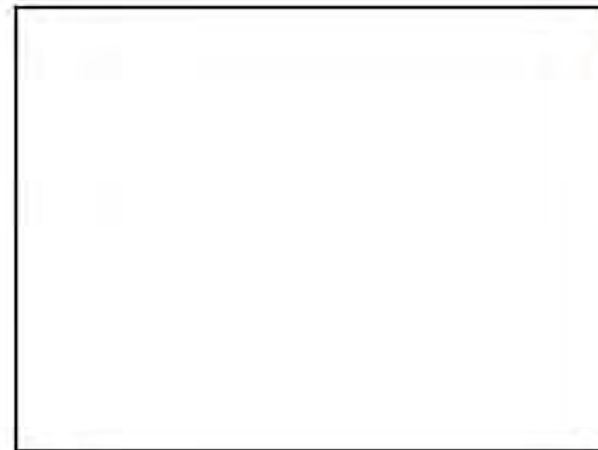
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G1C27



G1C28



G1C29

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	Date	08/03/2017	Date	08/03/2017	

  
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G1C30



G1C31



G1C32



G1C33



G1C34



G1C35

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G1C36



G1C38



G1C39



G1C40



G1C41



G1C42

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G1C43



G1C44



G1C46



G1C47



G1C48



G1C49

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G1C50



G1C51



G1C52



G1C53



G1C54



G1C55

Client	DONG Energy (UK) Ltd.		Drawing Ref	FDEW112/22948/1	
Figure Number	4s		Scale at A4	Not applicable	
Figure Title	Drawn	AS	Checked	NS	
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G1C56



G1C57



G1C58



G1C59



G1C60



G1C61

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G1C62



G1C63



G1C64



G1C65



G1C66



G1C67

Client	DONG Energy (UK) Ltd.		Drawing Ref	FDEW112/22950/1	
Figure Number	4u		Scale at A4	Not applicable	
Figure Title	Drawn	AS	Checked	NS	
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G1C68



G1C69



G1C70



G1C71



G1C72



G1D1

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