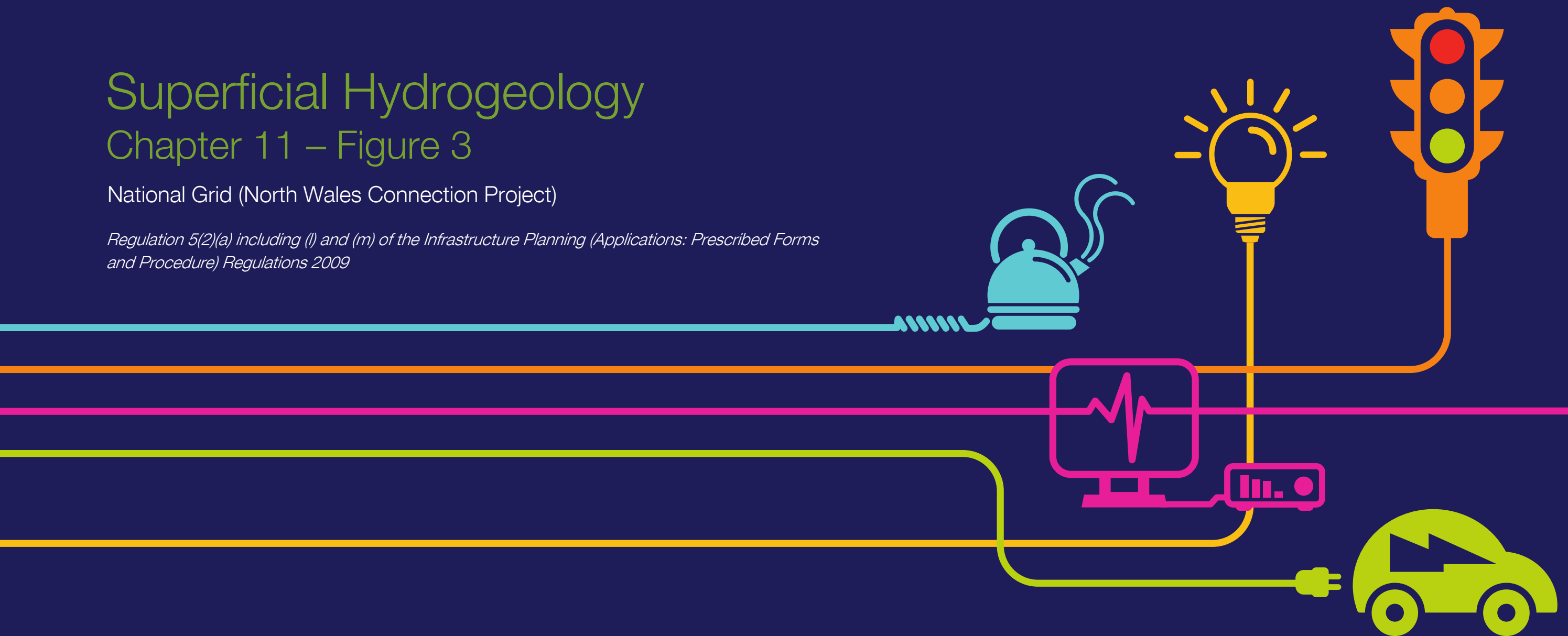


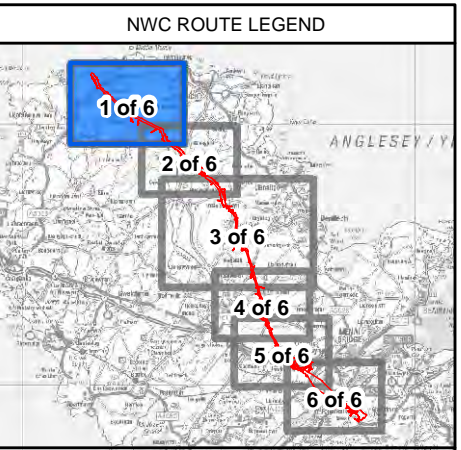
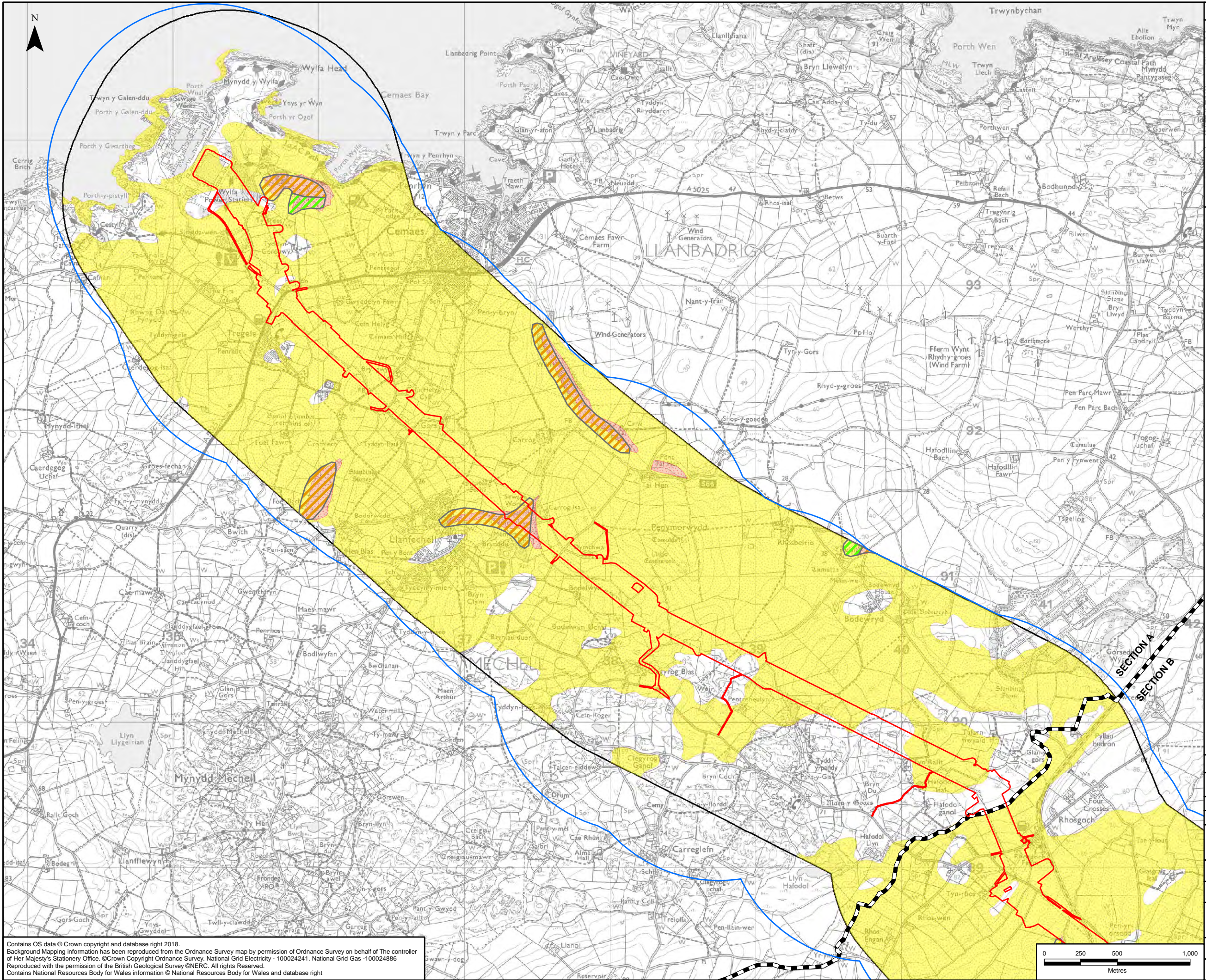
DOCUMENT 5.11.1.3

Superficial Hydrogeology Chapter 11 – Figure 3

National Grid (North Wales Connection Project)

Regulation 5(2)(a) including (l) and (m) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009





LEGEND

ORDER LIMITS
1KM BUFFER OF ORDER LIMITS
DATA SEARCH AREA¹
SECTION CUTLINES

GROUNDWATER VULNERABILITY (NRW)

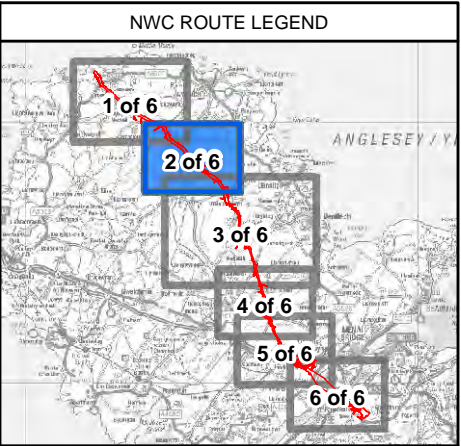
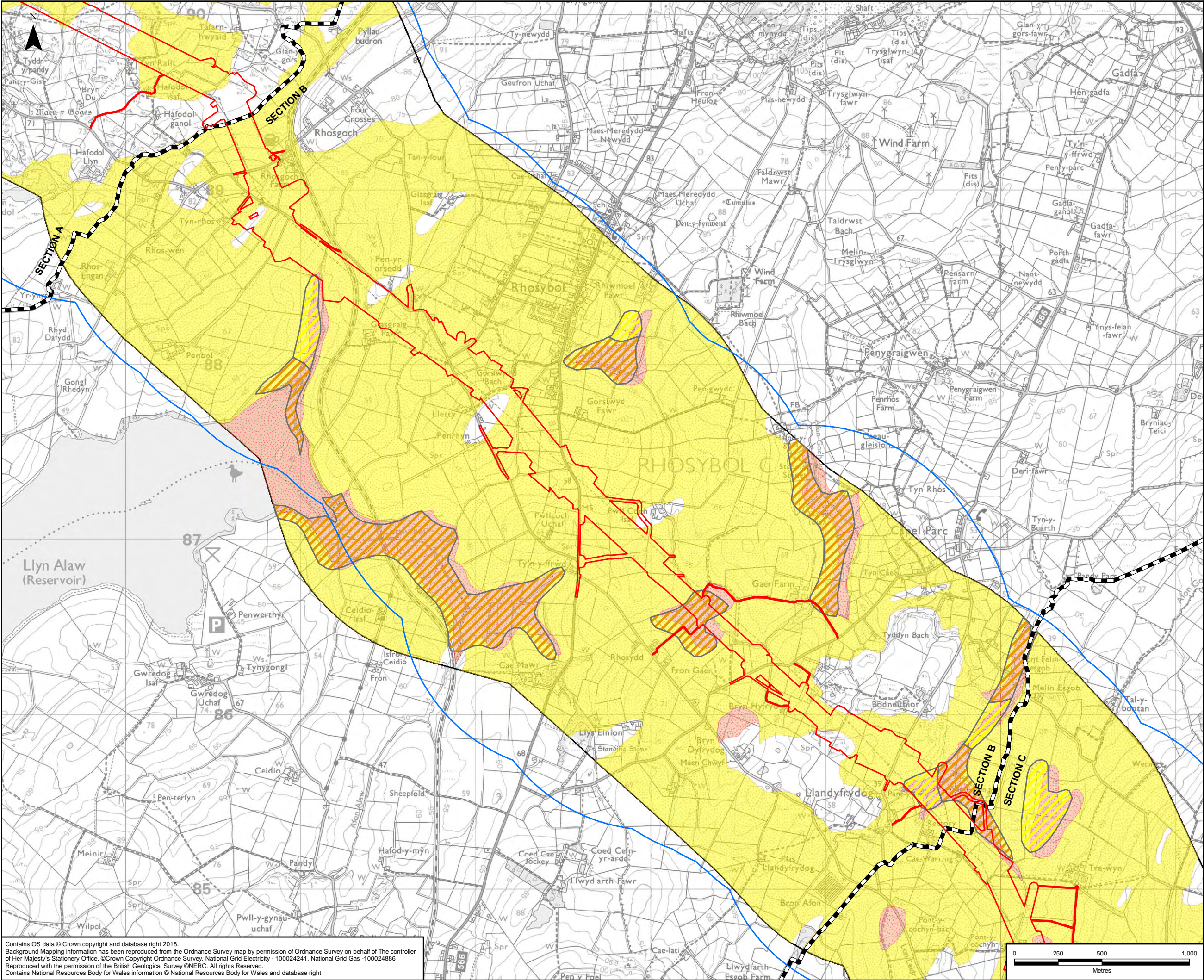
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MAJOR AQUIFER/LOW LEACHING POTENTIAL
MINOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
MAJOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
MINOR AQUIFER/HIGH LEACHING POTENTIAL
MAJOR AQUIFER/HIGH LEACHING POTENTIAL

SUPERFICIAL AQUIFER (BGS)

UNKNOWN SUPERFICIAL AQUIFER
PRINCIPAL SUPERFICIAL AQUIFER
SECONDARY (A) SUPERFICIAL AQUIFER - PERMEABLE LAYERS
SECONDARY (B) SUPERFICIAL AQUIFER - LOWER PERMEABILITY LAYERS
SECONDARY SUPERFICIAL AQUIFER UNDIFFERENTIATED LAYERS
UNPRODUCTIVE SUPERFICIAL AQUIFER

NOTES					
1: DATA SEARCH UNDERTAKEN IN 2018					
A	29/06/2018	ENVIRONMENTAL STATEMENT	JB	WH	NS
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.11.1.3					
Document Title: FIGURE 11.3 SUPERFICIAL HYDROGEOLOGY SECTION A					
Creator: JB	Date: 29/06/2018	Checker: WH	Date: 29/06/2018	Approver: NS	Date: 29/06/2018
Document Type: FIGURE	Scale: 1:24,000	Format: A3	Sheets: 1 of 6	Rev: A	

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LEGEND

ORDER LIMITS
1KM BUFFER OF ORDER LIMITS
DATA SEARCH AREA¹
SECTION CUTLINES

GROUNDWATER VULNERABILITY (NRW)

- MINOR AQUIFER/LOW LEACHING POTENTIAL
- MAJOR AQUIFER/LOW LEACHING POTENTIAL
- MINOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MAJOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MINOR AQUIFER/HIGH LEACHING POTENTIAL
- MAJOR AQUIFER/HIGH LEACHING POTENTIAL

SUPERFICIAL AQUIFER (BGS)

- UNKNOWN SUPERFICIAL AQUIFER
- PRINCIPAL SUPERFICIAL AQUIFER
- SECONDARY (A) SUPERFICIAL AQUIFER - PERMEABLE LAYERS
- SECONDARY (B) SUPERFICIAL AQUIFER - LOWER PERMEABILITY LAYERS
- SECONDARY SUPERFICIAL AQUIFER UNDIFFERENTIATED LAYERS
- UNPRODUCTIVE SUPERFICIAL AQUIFER

NOTES

1: DATA SEARCH UNDERTAKEN IN 2018

A	29/06/2018	ENVIRONMENTAL STATEMENT	JB	WH	NS
Rev	Date	Description	GIS	Chk	App

nationalgrid

Scheme: NORTH WALES CONNECTION PROJECT

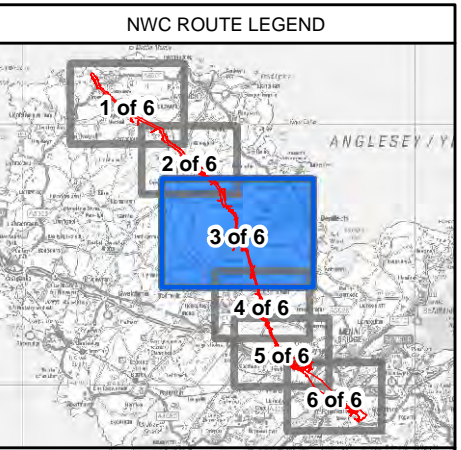
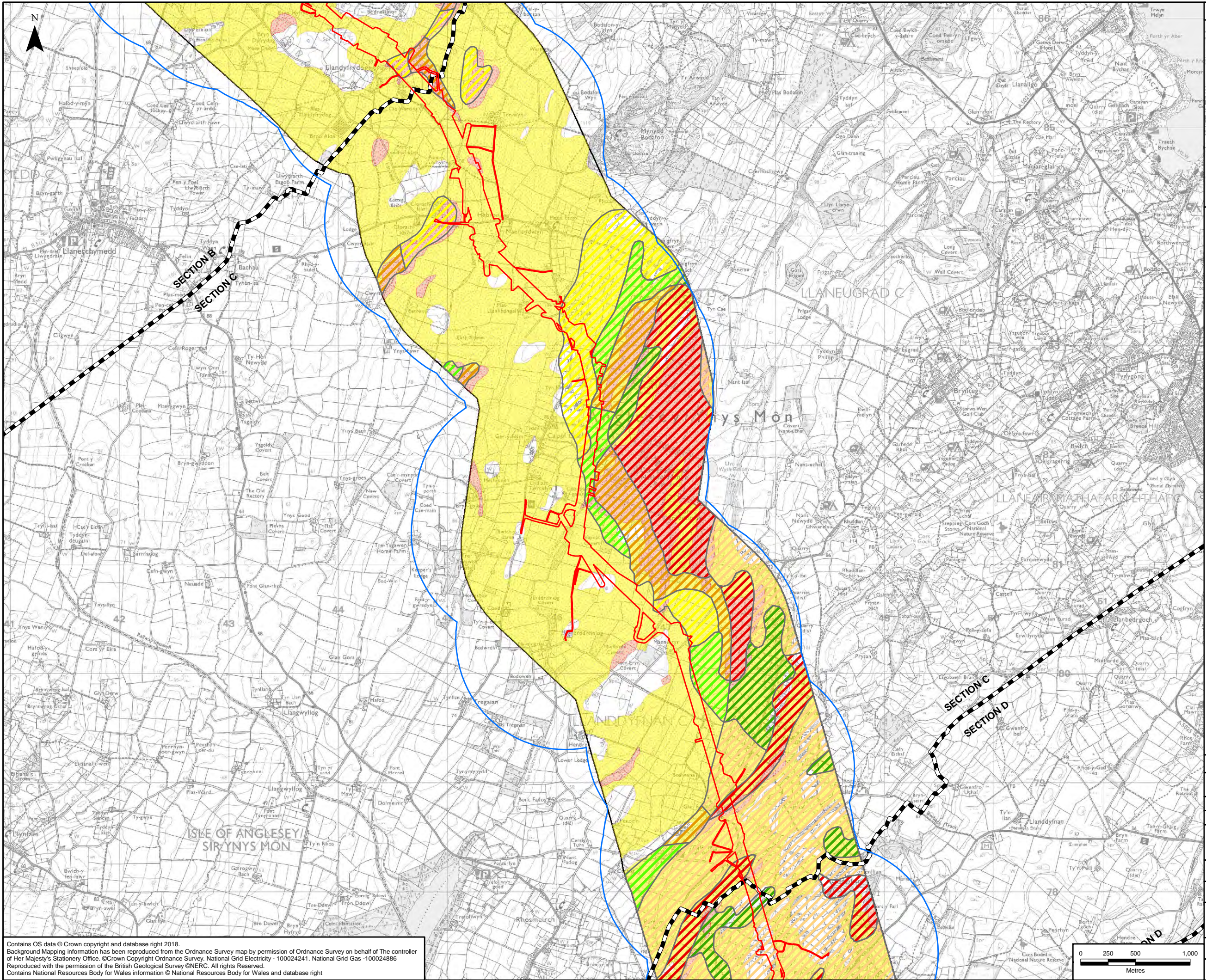
Document Number: 5.11.1.3

Document Title: FIGURE 11.3
SUPERFICIAL HYDROGEOLOGY
SECTION B

Creator:	Date:	Checker:	Date:	Approver:	Date:
JB	29/06/2018	WH	29/06/2018	NS	29/06/2018

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:20,000	A3	2 of 6	A

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LEGEND

ORDER LIMITS - OPTION B
1KM BUFFER OF ORDER LIMITS - OPTION B
DATA SEARCH AREA¹
SECTION CUTLINES

GROUNDWATER VULNERABILITY (NRW)

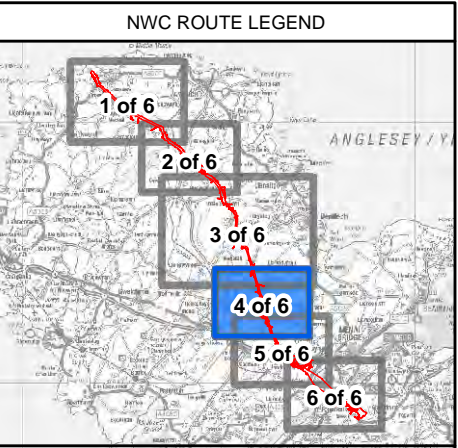
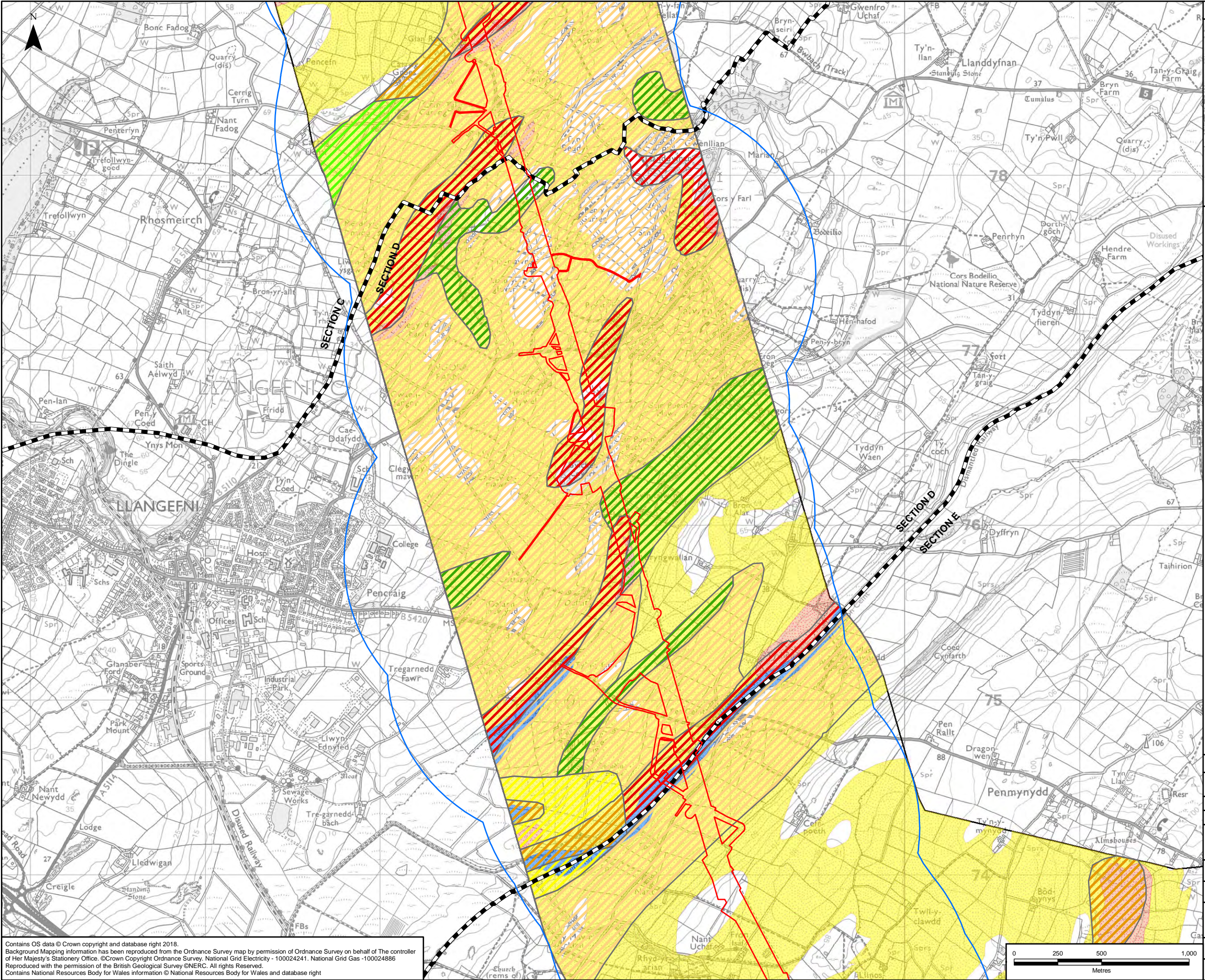
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MAJOR AQUIFER/LOW LEACHING POTENTIAL
MINOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
MAJOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
MINOR AQUIFER/HIGH LEACHING POTENTIAL
MAJOR AQUIFER/HIGH LEACHING POTENTIAL

SUPERFICIAL AQUIFER (BGS)

UNKNOWN SUPERFICIAL AQUIFER
PRINCIPAL SUPERFICIAL AQUIFER
SECONDARY (A) SUPERFICIAL AQUIFER - PERMEABLE LAYERS
SECONDARY (B) SUPERFICIAL AQUIFER - LOWER PERMEABILITY LAYERS
SECONDARY SUPERFICIAL AQUIFER UNDIFFERENTIATED LAYERS
UNPRODUCTIVE SUPERFICIAL AQUIFER

NOTES					
1: DATA SEARCH UNDERTAKEN IN 2018					
A	29/06/2018	ENVIRONMENTAL STATEMENT	JB	WH	NS
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.11.1.3					
Document Title: FIGURE 11.3 SUPERFICIAL HYDROGEOLOGY SECTION C OPTION B					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JB	29/06/2018	WH	29/06/2018	NS	29/06/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:32,000	A3	3 of 6 Option B	A	

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LEGEND

ORDER LIMITS - OPTION A
1KM BUFFER OF ORDER LIMITS - OPTION A
DATA SEARCH AREA¹
SECTION CUTLINES

GROUNDWATER VULNERABILITY (NRW)

- MINOR AQUIFER/LOW LEACHING POTENTIAL
- MAJOR AQUIFER/LOW LEACHING POTENTIAL
- MINOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MAJOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MINOR AQUIFER/HIGH LEACHING POTENTIAL
- MAJOR AQUIFER/HIGH LEACHING POTENTIAL

SUPERFICIAL AQUIFER (BGS)

- UNKNOWN SUPERFICIAL AQUIFER
- PRINCIPAL SUPERFICIAL AQUIFER
- SECONDARY (A) SUPERFICIAL AQUIFER - PERMEABLE LAYERS
- SECONDARY (B) SUPERFICIAL AQUIFER - LOWER PERMEABILITY LAYERS
- SECONDARY SUPERFICIAL AQUIFER UNDIFFERENTIATED LAYERS
- UNPRODUCTIVE SUPERFICIAL AQUIFER

NOTES

1: DATA SEARCH UNDERTAKEN IN 2018

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Rev	Date	Description	GIS	Chk	App

nationalgrid

Scheme: NORTH WALES CONNECTION PROJECT

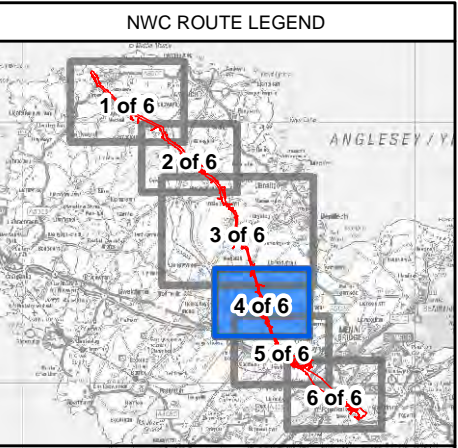
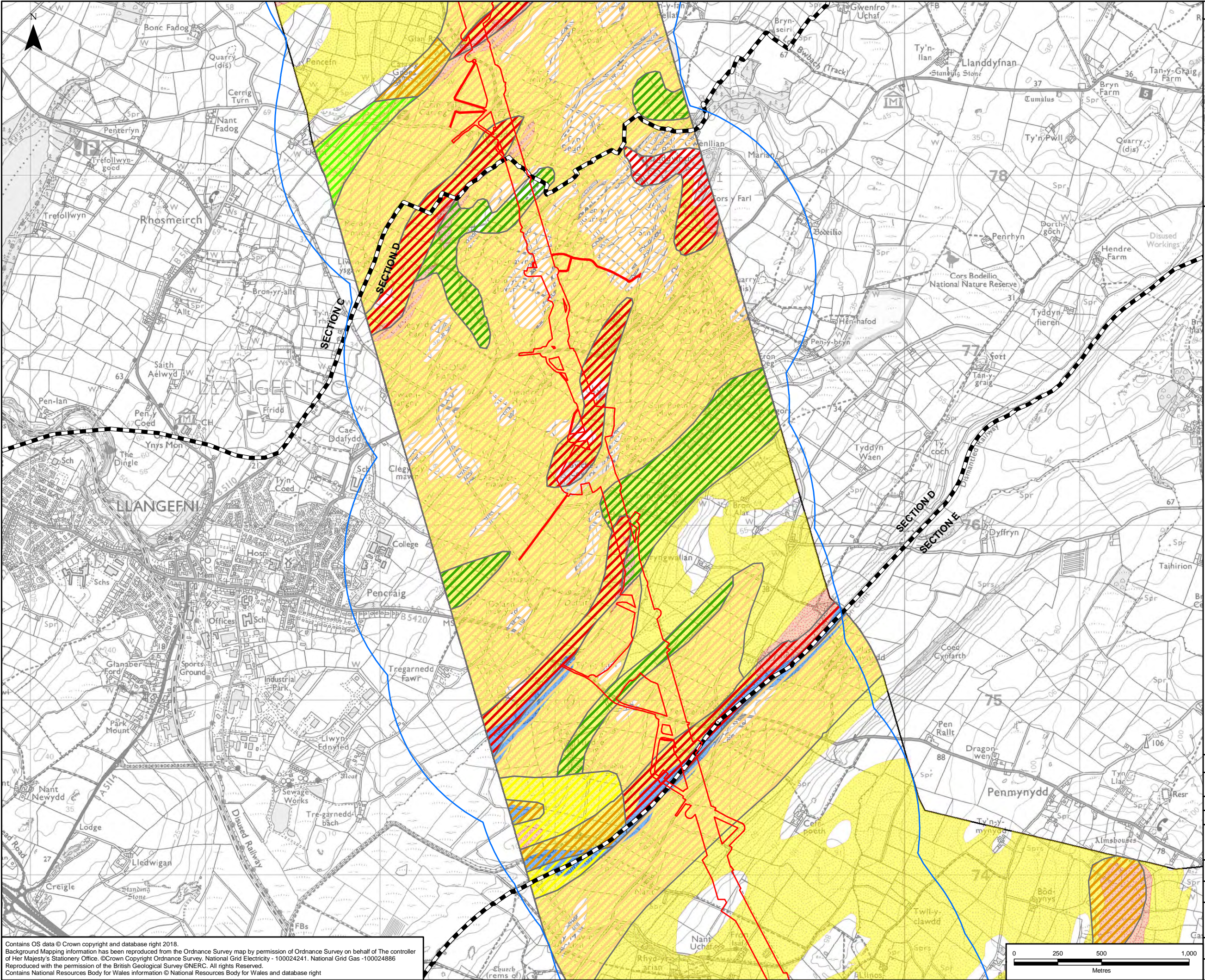
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Document Title: FIGURE 11.3
SUPERFICIAL HYDROGEOLOGY
SECTION D OPTION A

Creator:	Date:	Checker:	Date:	Approver:	Date:
JB	29/06/2018	WH	29/06/2018	NS	29/06/2018

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:20,000	A3	4 of 6 Option A	A

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LEGEND

ORDER LIMITS - OPTION B
1KM BUFFER OF ORDER LIMITS - OPTION B
DATA SEARCH AREA¹
SECTION CUTLINES

GROUNDWATER VULNERABILITY (NRW)

- MINOR AQUIFER/LOW LEACHING POTENTIAL
- MAJOR AQUIFER/LOW LEACHING POTENTIAL
- MINOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MAJOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MINOR AQUIFER/HIGH LEACHING POTENTIAL
- MAJOR AQUIFER/HIGH LEACHING POTENTIAL

SUPERFICIAL AQUIFER (BGS)

- UNKNOWN SUPERFICIAL AQUIFER
- PRINCIPAL SUPERFICIAL AQUIFER
- SECONDARY (A) SUPERFICIAL AQUIFER - PERMEABLE LAYERS
- SECONDARY (B) SUPERFICIAL AQUIFER - LOWER PERMEABILITY LAYERS
- SECONDARY SUPERFICIAL AQUIFER UNDIFFERENTIATED LAYERS
- UNPRODUCTIVE SUPERFICIAL AQUIFER

NOTES

1: DATA SEARCH UNDERTAKEN IN 2018

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Rev	Date	Description	GIS	Chk	App

nationalgrid

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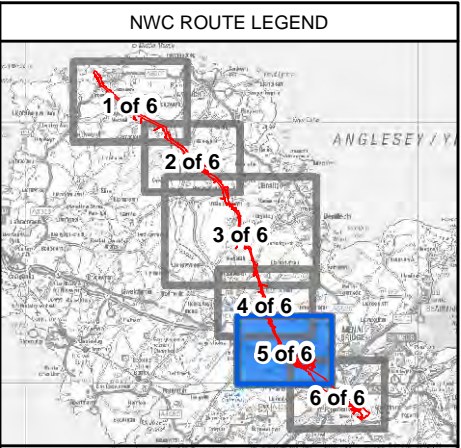
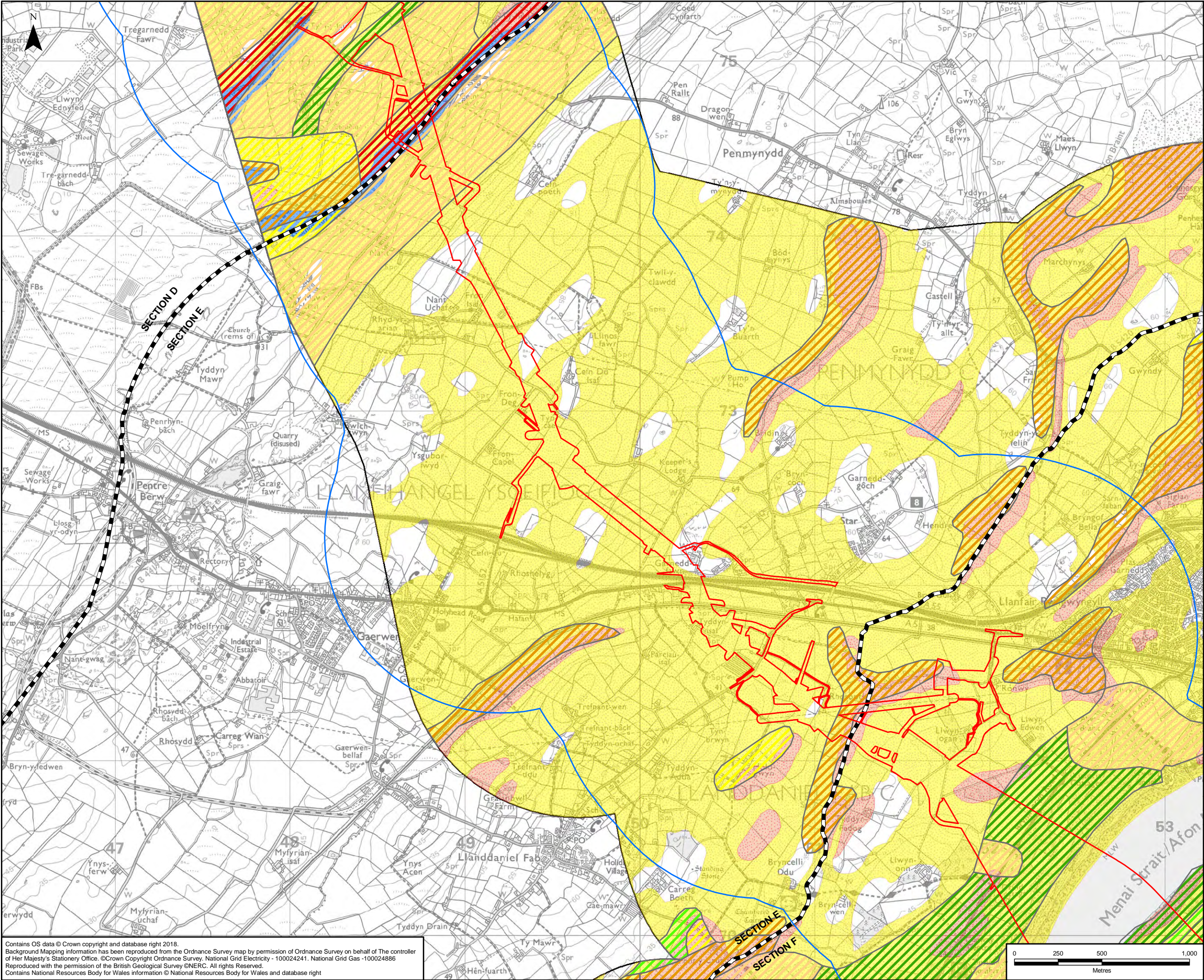
Document Number: 5.11.1.3

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SUPERFICIAL HYDROGEOLOGY
SECTION D OPTION B

Creator:	Date:	Checker:	Date:	Approver:	Date:
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FIGURE	1:20,000	A3	4 of 6 Option B	A

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LEGEND

ORDER LIMITS
1KM BUFFER OF ORDER LIMITS
DATA SEARCH AREA¹
SECTION CUTLINES

GROUNDWATER VULNERABILITY (NRW)

- MINOR AQUIFER/LOW LEACHING POTENTIAL
- MAJOR AQUIFER/LOW LEACHING POTENTIAL
- MINOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MAJOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MINOR AQUIFER/HIGH LEACHING POTENTIAL
- MAJOR AQUIFER/HIGH LEACHING POTENTIAL

SUPERFICIAL AQUIFER (BGS)

- UNKNOWN SUPERFICIAL AQUIFER
- PRINCIPAL SUPERFICIAL AQUIFER
- SECONDARY (A) SUPERFICIAL AQUIFER - PERMEABLE LAYERS
- SECONDARY (B) SUPERFICIAL AQUIFER - LOWER PERMEABILITY LAYERS
- SECONDARY SUPERFICIAL AQUIFER UNDIFFERENTIATED LAYERS
- UNPRODUCTIVE SUPERFICIAL AQUIFER

NOTES

1: DATA SEARCH UNDERTAKEN IN 2018

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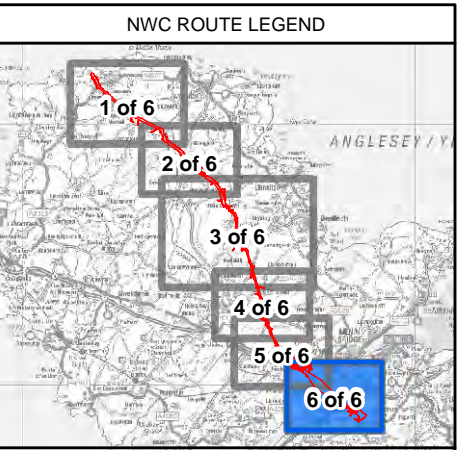
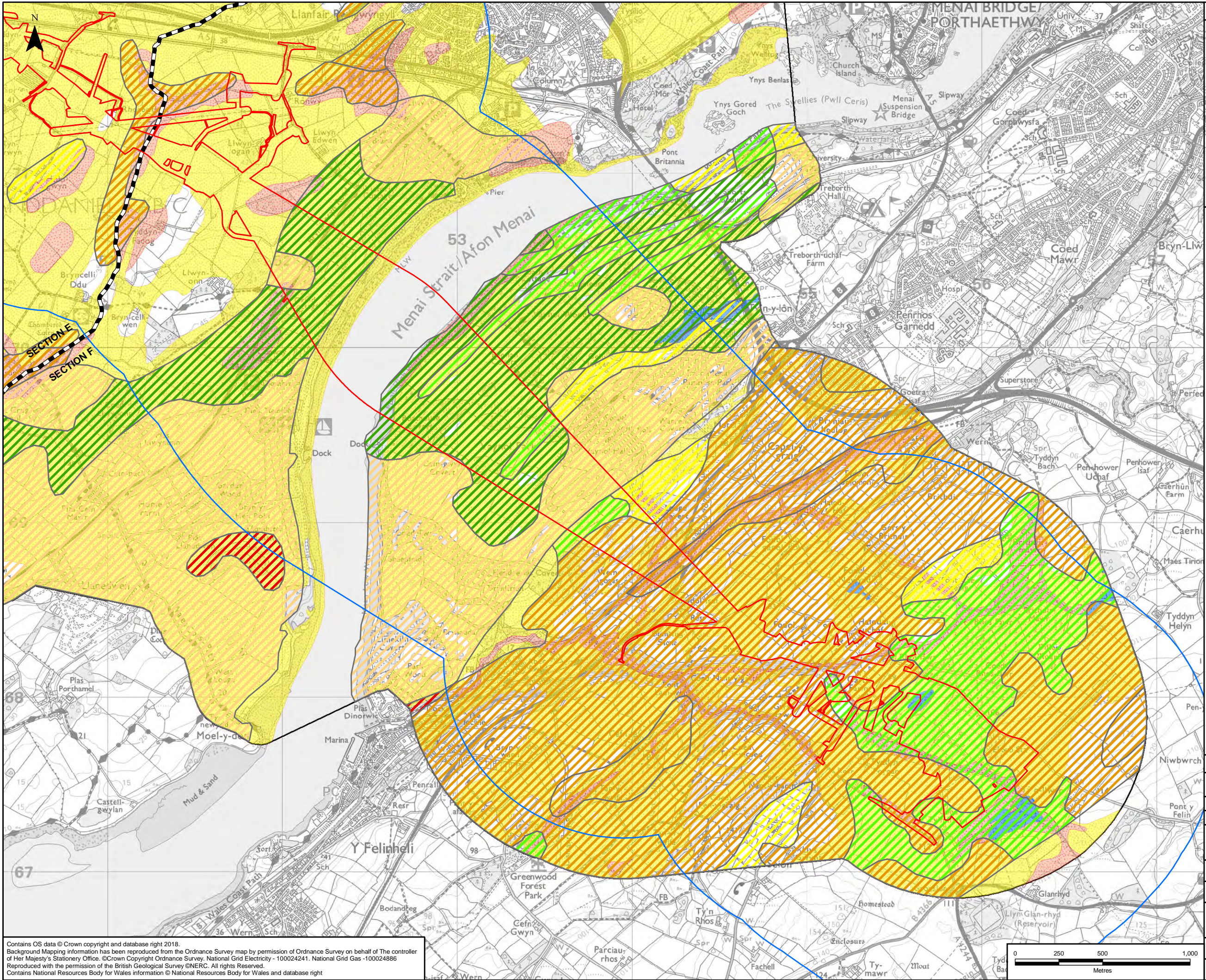
Document Number: 5.11.1.3

Document Title: FIGURE 11.3 SUPERFICIAL HYDROGEOLOGY SECTION E

Creator:	Date:	Checker:	Date:	Approver:	Date:
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Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:20,000	A3	5 of 6	A

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LEGEND

ORDER LIMITS
1KM BUFFER OF ORDER LIMITS
DATA SEARCH AREA¹
SECTION CUTLINES

GROUNDWATER VULNERABILITY (NRW)

- MINOR AQUIFER/LOW LEACHING POTENTIAL
- MAJOR AQUIFER/LOW LEACHING POTENTIAL
- MINOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MAJOR AQUIFER/INTERMEDIATE LEACHING POTENTIAL
- MINOR AQUIFER/HIGH LEACHING POTENTIAL
- MAJOR AQUIFER/HIGH LEACHING POTENTIAL

SUPERFICIAL AQUIFER (BGS)

- UNKNOWN SUPERFICIAL AQUIFER
- PRINCIPAL SUPERFICIAL AQUIFER
- SECONDARY (A) SUPERFICIAL AQUIFER - PERMEABLE LAYERS
- SECONDARY (B) SUPERFICIAL AQUIFER - LOWER PERMEABILITY LAYERS
- SECONDARY SUPERFICIAL AQUIFER UNDIFFERENTIATED LAYERS
- UNPRODUCTIVE SUPERFICIAL AQUIFER

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1: DATA SEARCH UNDERTAKEN IN 2018

Rev	Date	Description	GIS	Chk	App
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Scheme: NORTH WALES CONNECTION PROJECT

Document Number: 5.11.1.3

Document Title: FIGURE 11.3
SUPERFICIAL HYDROGEOLOGY
SECTION F

Creator:	Date:	Checker:	Date:	Approver:	Date:
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Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:20,000	A3	6 of 6	A

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