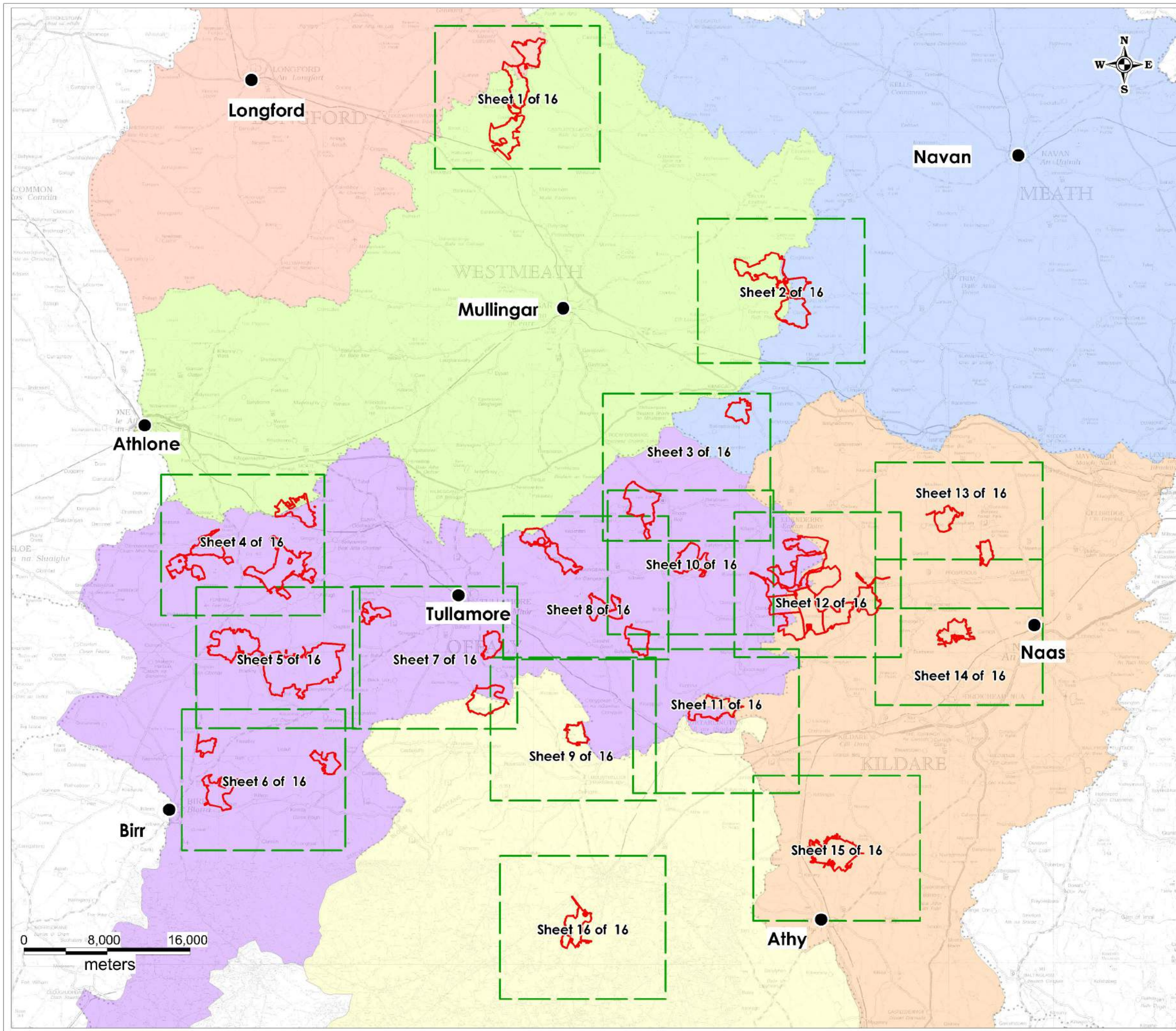










**Appendix 14.1 Land, Soils & Groundwater  
Figures**



**Legend**

-  Bog Unit Boundary
-  Co. Kildare
-  Co. Laois
-  Co. Longford
-  Co. Meath
-  Co. Offaly
-  Co. Westmeath
-  Sheets 1 to 16\*

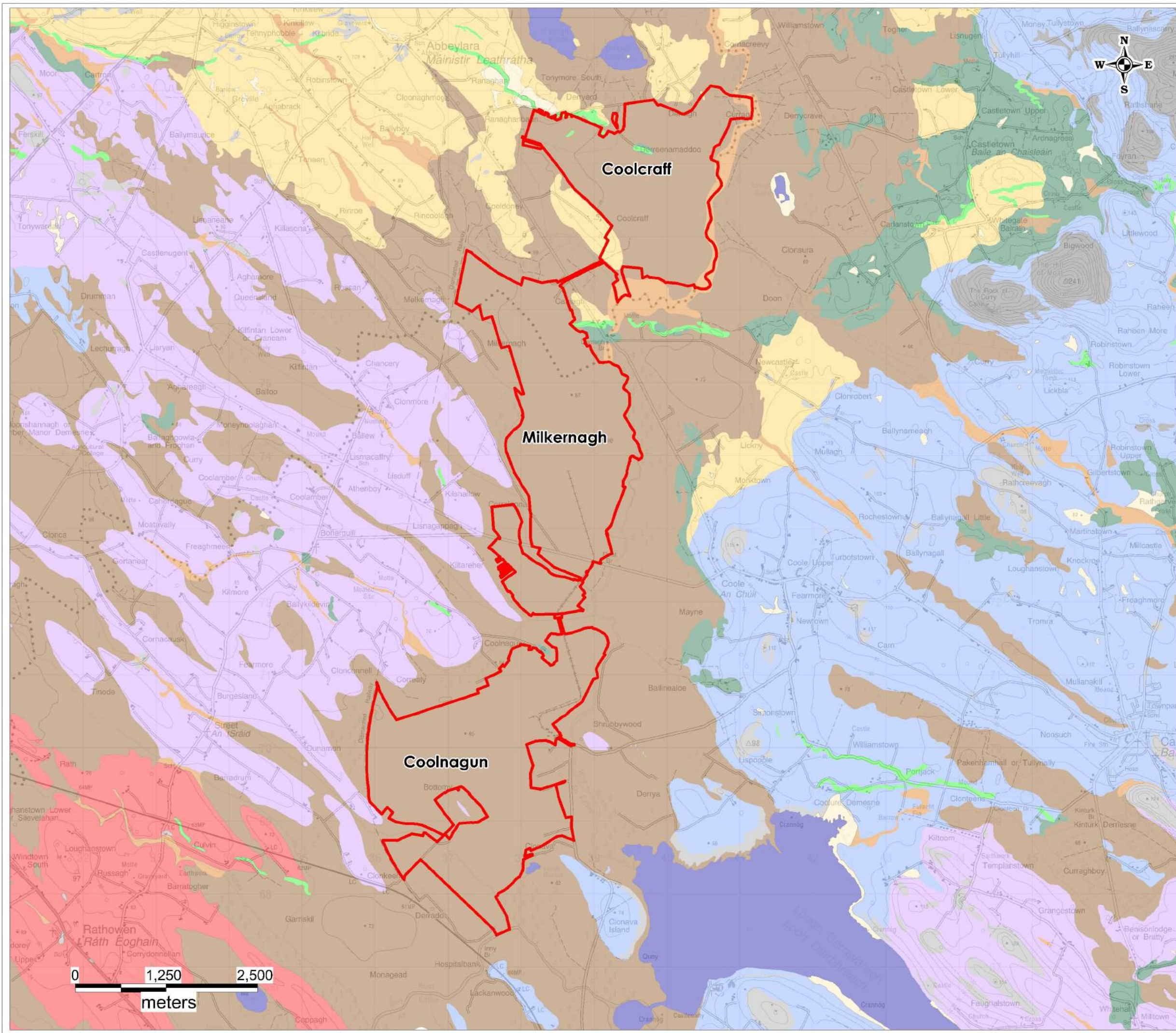
**Note\*:**  
 Sheets 1 to 16 - Refer to Figures:  
 14.2.1 to 14.2.16  
 14.3.1 to 14.3.16  
 14.7.1 to 14.7.16  
 14.14.1 to 14.14.16

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 web: www.hydroenvironmental.ie

Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Index Map	
Figure No: 14.0	
Drawing No: P1420-0-0520-A3-14.0-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:350,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



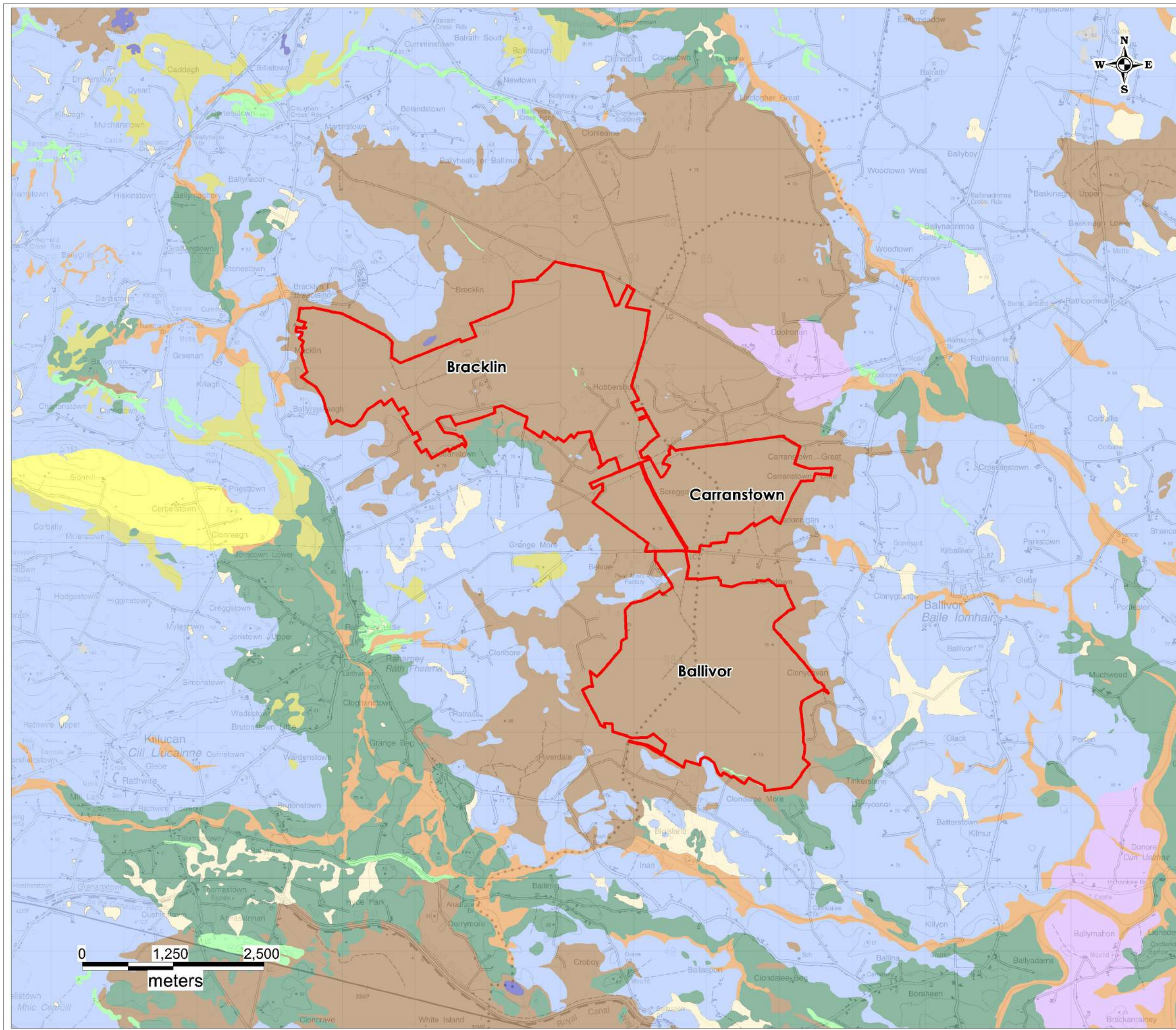
- Legend**
-  Bog Unit Boundary
  -  Alluvium
  -  Eskers gravels
  -  Cut over raised peat
  -  Gravels derived from Limestones
  -  Kartsified bedrock outcrop or subcrop
  -  Lacustrine sediments
  -  Bedrock outcrop or subcrop
  -  Till derived from cherts
  -  Sandstones and shales Till from Lower Palaeozoic and Carboniferous
  -  Sandstones and shales Till from Lower Palaeozoic
  -  Limestone Till
  -  Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 1 of 16	
Figure No: 14.2.1	
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Date: 21/05/2020	Checked By: MG



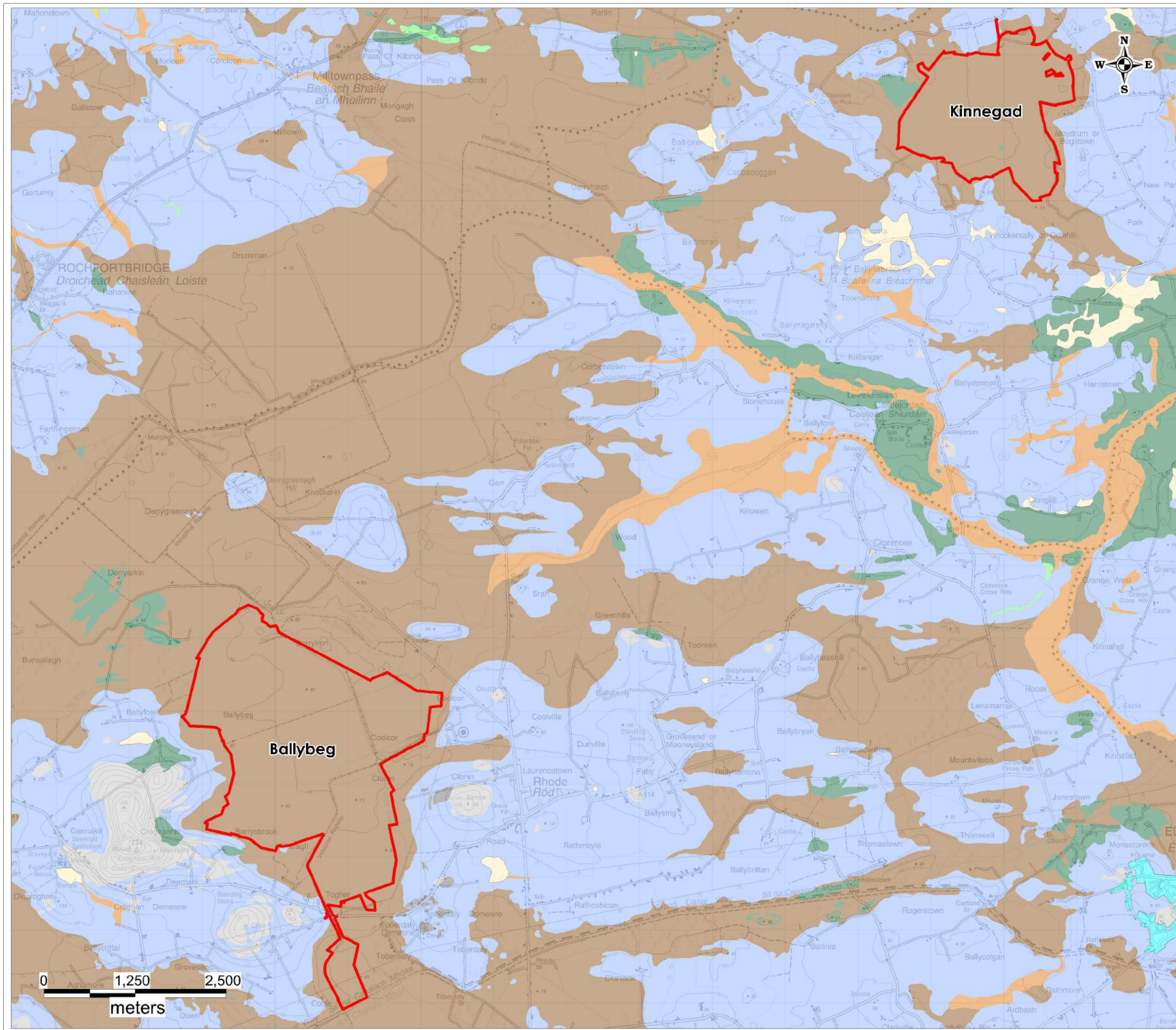
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  -  Eskers gravels
  -  Cut over raised peat
  -  Fen Peat
  -  Gravels derived from Limestones
  -  Lacustrine sediments
  -  Bedrock outcrop or subcrop
  -  Till derived from cherts
  -  Till derived from Devonian sandstones
  -  Limestone Till
  -  Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
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Figure No: 14.2.2	
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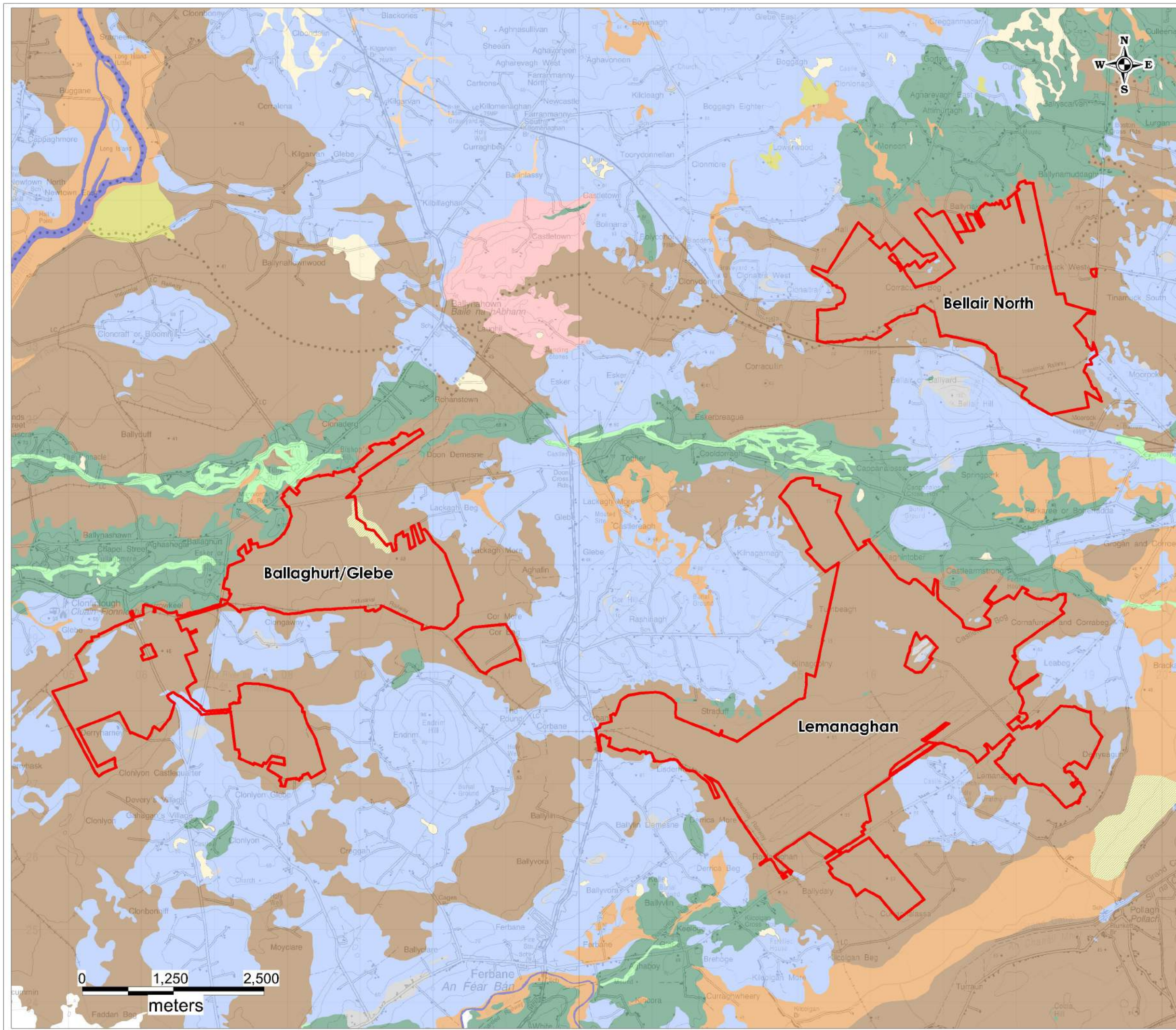



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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
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Figure No: 14.2.3	
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Date: 21/05/2020	Checked By: MG



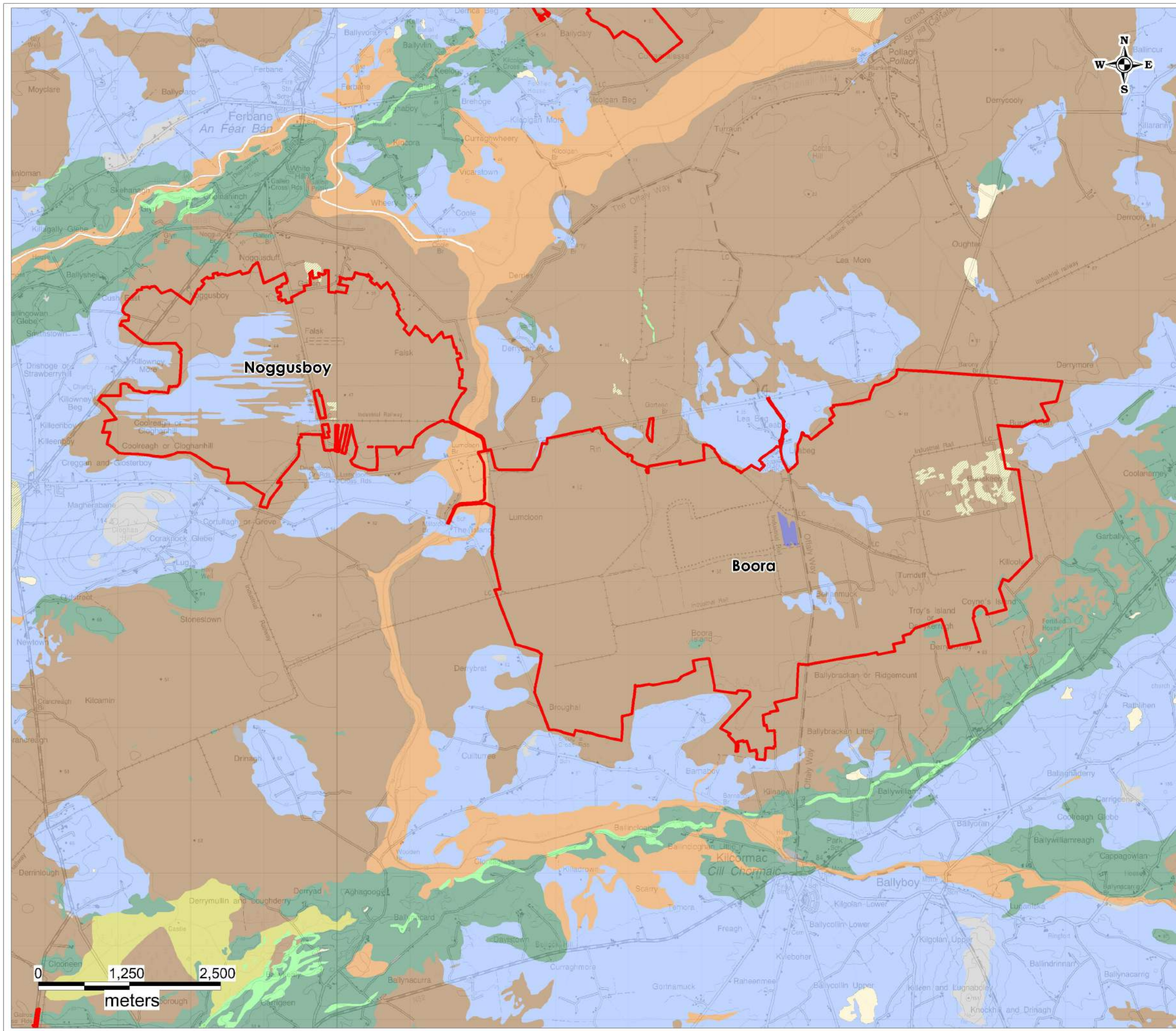
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  -  Eskers gravels
  -  Cut over raised peat
  -  Fen Peat
  -  Gravels derived from Limestones
  -  Lacustrine sediments
  -  Lake marl
  -  Bedrock outcrop or subcrop
  -  Till derived from Devonian sandstones
  -  Limestone Till
  -  Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 4 of 16	
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Date: 21/05/2020	Checked By: MG



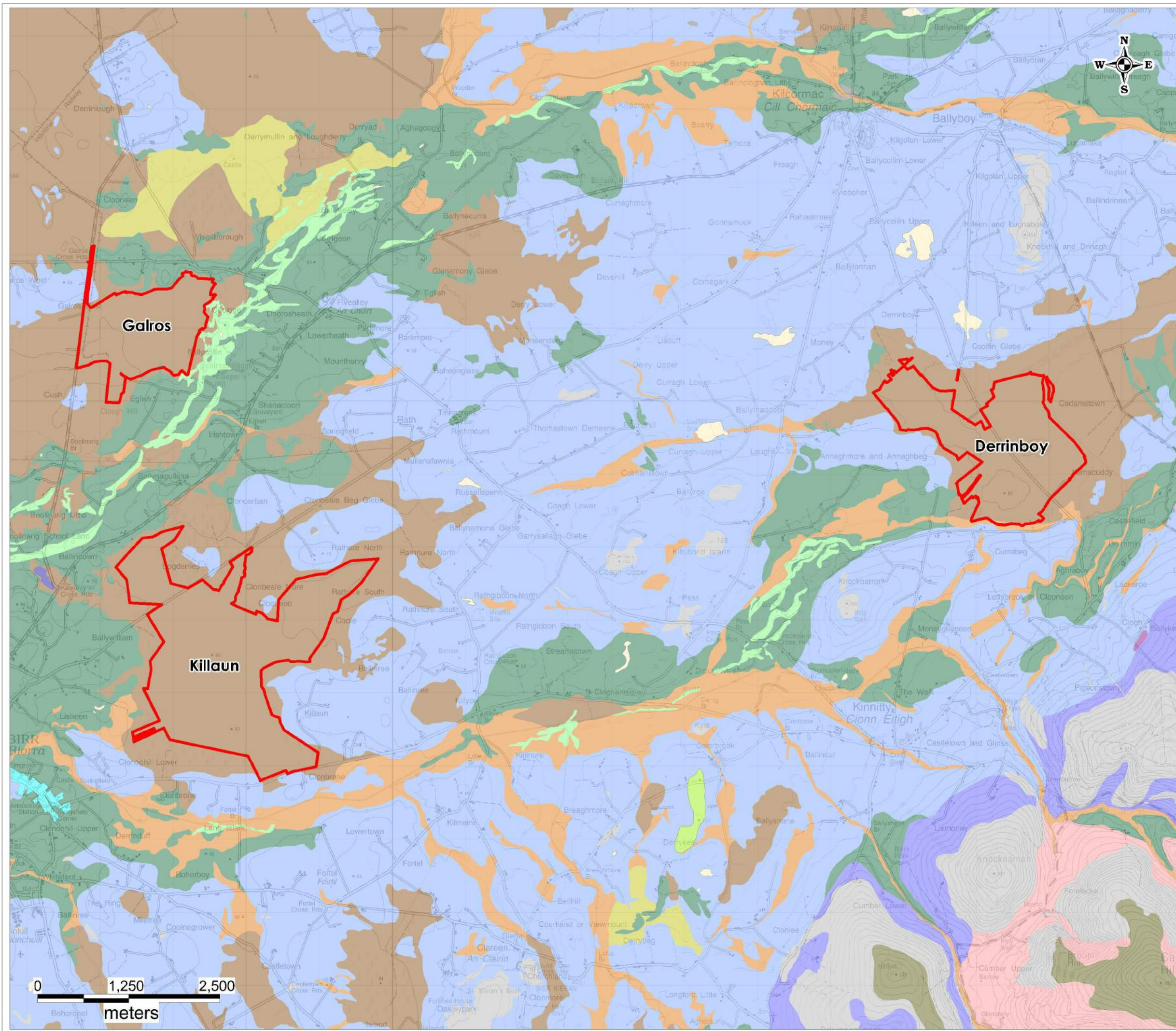
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  -  Alluvium
  -  Eskers gravels
  -  Cut over raised peat
  -  Fen Peat
  -  Gravels derived from Limestones
  -  Lacustrine sediments
  -  Lake marl
  -  Bedrock outcrop or subcrop
  -  Limestone Till
  -  Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 5 of 16	
Figure No: 14.2.5	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

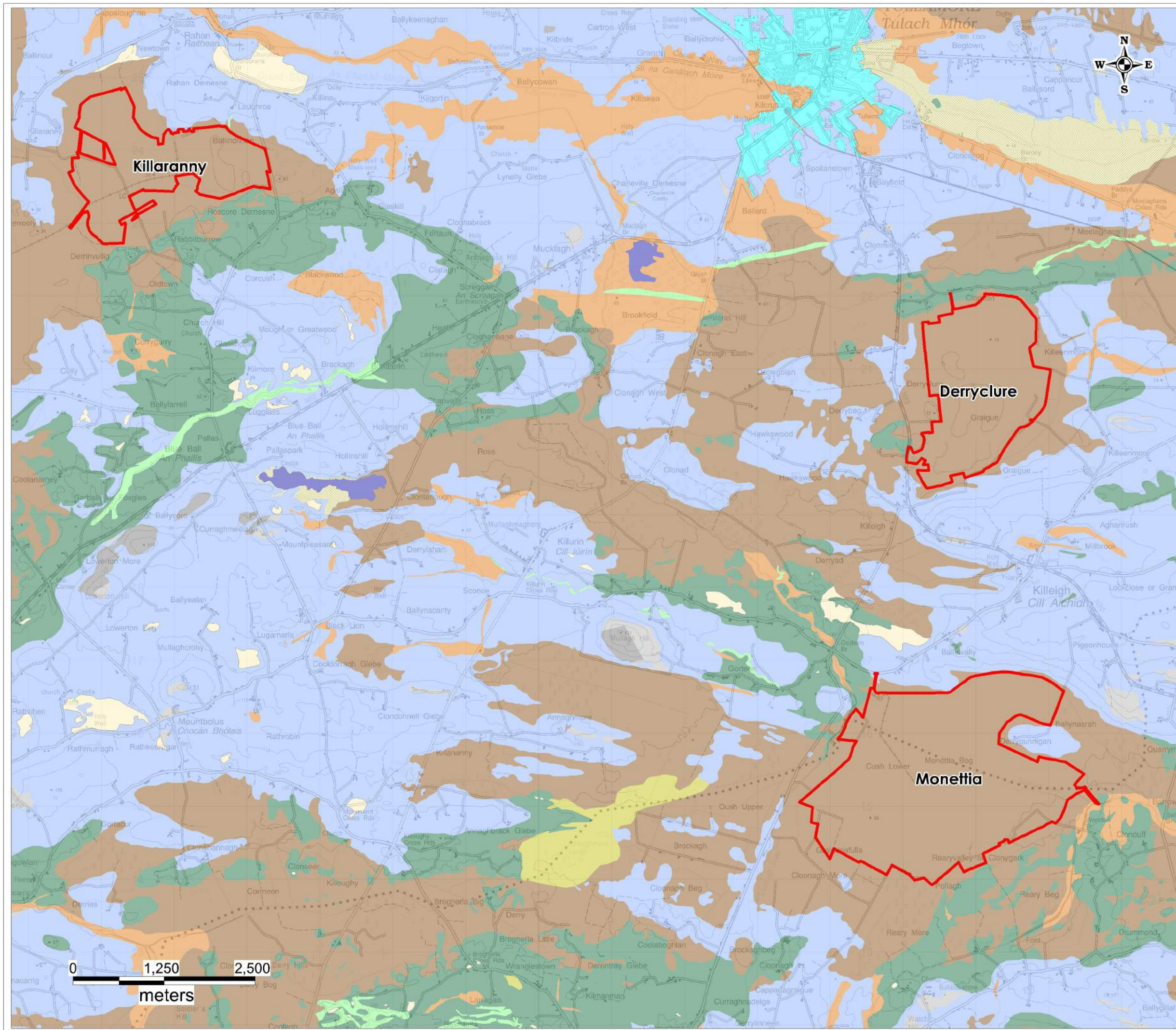


- Legend**
- Bog Unit Boundary
  - Alluvium
  - Eskers gravels
  - Blanket Peat
  - Cut over raised peat
  - Fen Peat
  - Gravels derived from Devonian sandstones
  - Gravels derived from Limestones
  - Lacustrine sediments
  - Bedrock outcrop or subcrop
  - Till derived from Devonian sandstones
  - Till derived from Lower Palaeozoic sandstones and shales
  - Limestone Till
  - Urban
  - Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 6 of 16	
Figure No: 14.2.6	
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Date: 21/05/2020	Checked By: MG





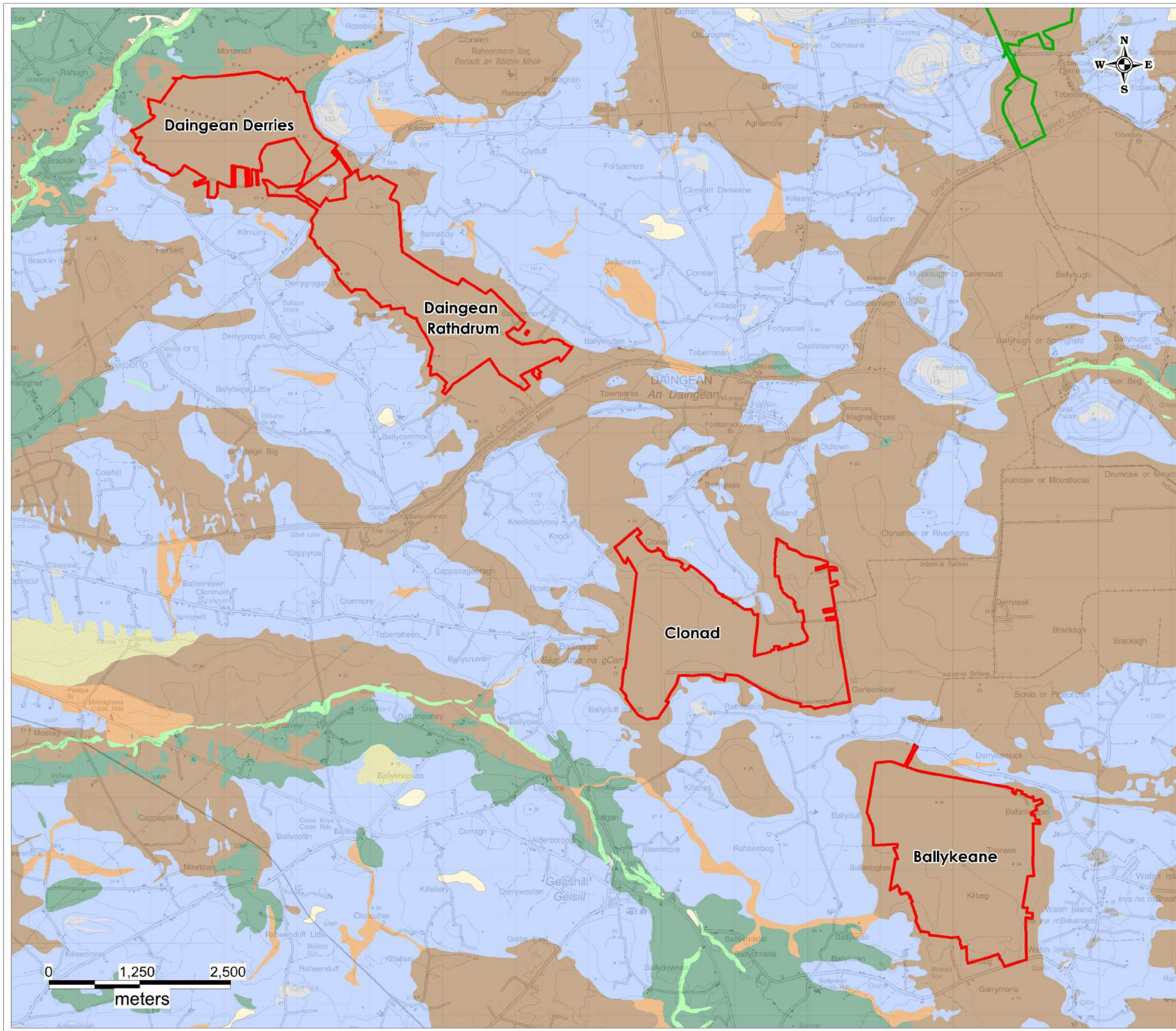
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  -  Alluvium
  -  Eskers gravels
  -  Cut over raised peat
  -  Fen Peat
  -  Gravels derived from Limestones
  -  Kartsified bedrock outcrop or subcrop
  -  Lacustrine sediments
  -  Lake marl
  -  Bedrock outcrop or subcrop
  -  Limestone Till
  -  Urban
  -  Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 7 of 16	
Figure No: 14.2.7	
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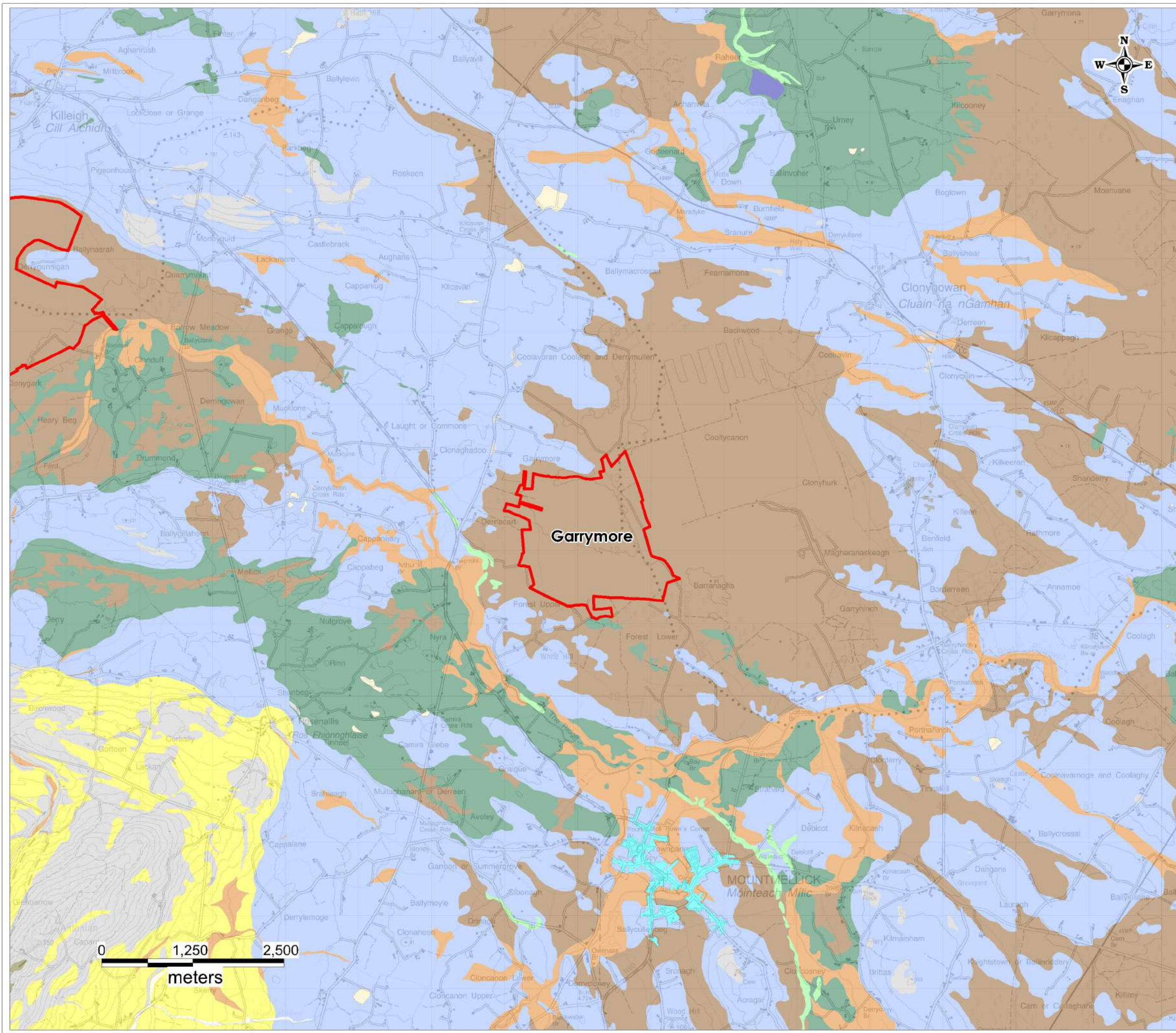
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  -  Eskers gravels
  -  Cut over raised peat
  -  Fen Peat
  -  Gravels derived from Limestones
  -  Kartsified bedrock outcrop or subcrop
  -  Lacustrine sediments
  -  Lake marl
  -  Bedrock outcrop or subcrop
  -  Limestone Till
  -  Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 8 of 16	
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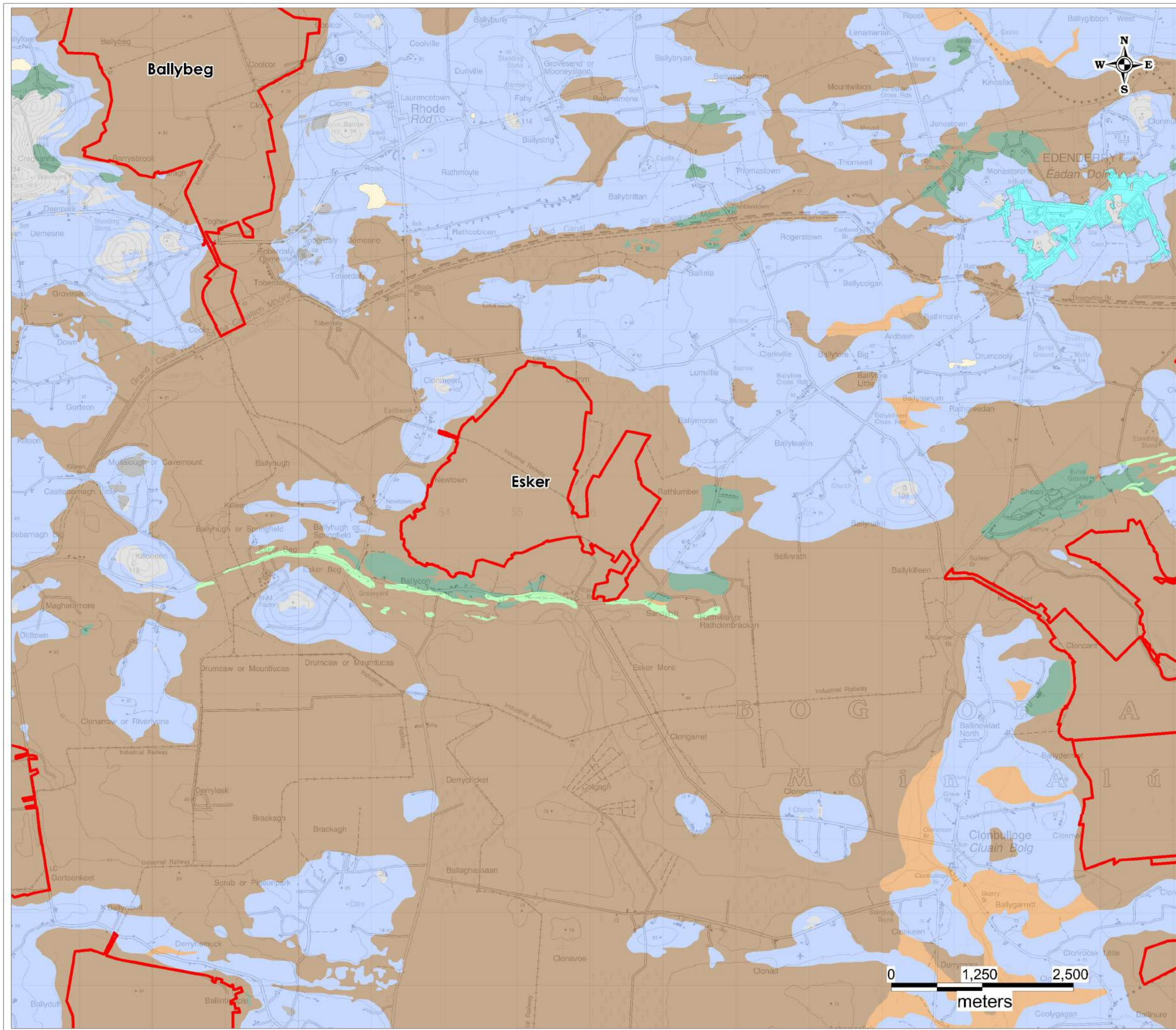
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  -  Eskers gravels
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  -  Gravels derived from Limestones
  -  Kartsified bedrock outcrop or subcrop
  -  Lacustrine sediments
  -  Bedrock outcrop or subcrop
  -  Till derived from Devonian sandstones
  -  Limestone Till
  -  Urban
  -  Water

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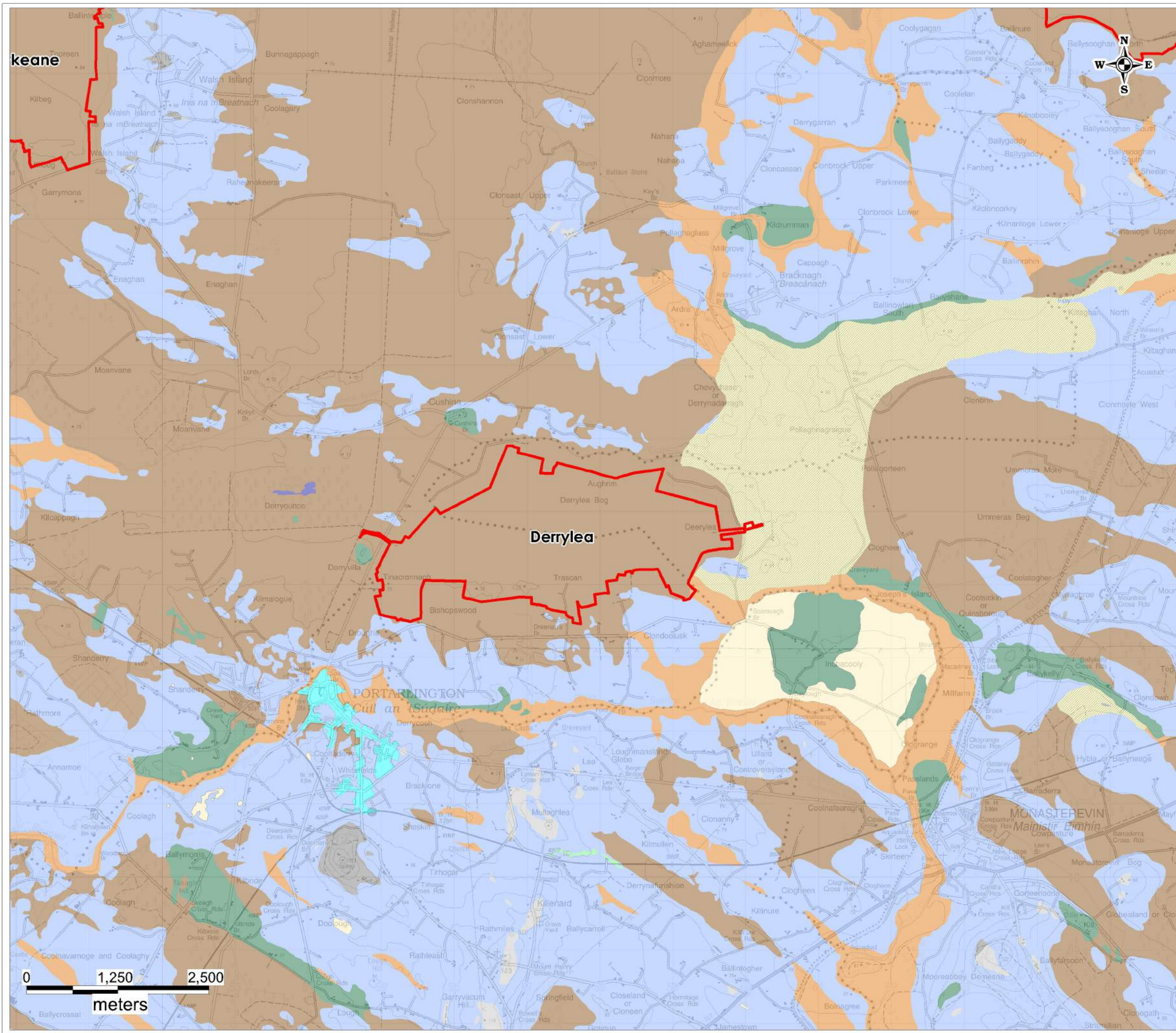
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
-  Bog Unit Boundary
  -  Alluvium
  -  Eskers gravels
  -  Cut over raised peat
  -  Gravels derived from Limestones
  -  Kartsified bedrock outcrop or subcrop
  -  Lacustrine sediments
  -  Bedrock outcrop or subcrop
  -  Limestone Till
  -  Urban

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 10 of 16	
Figure No: 14.2.10	
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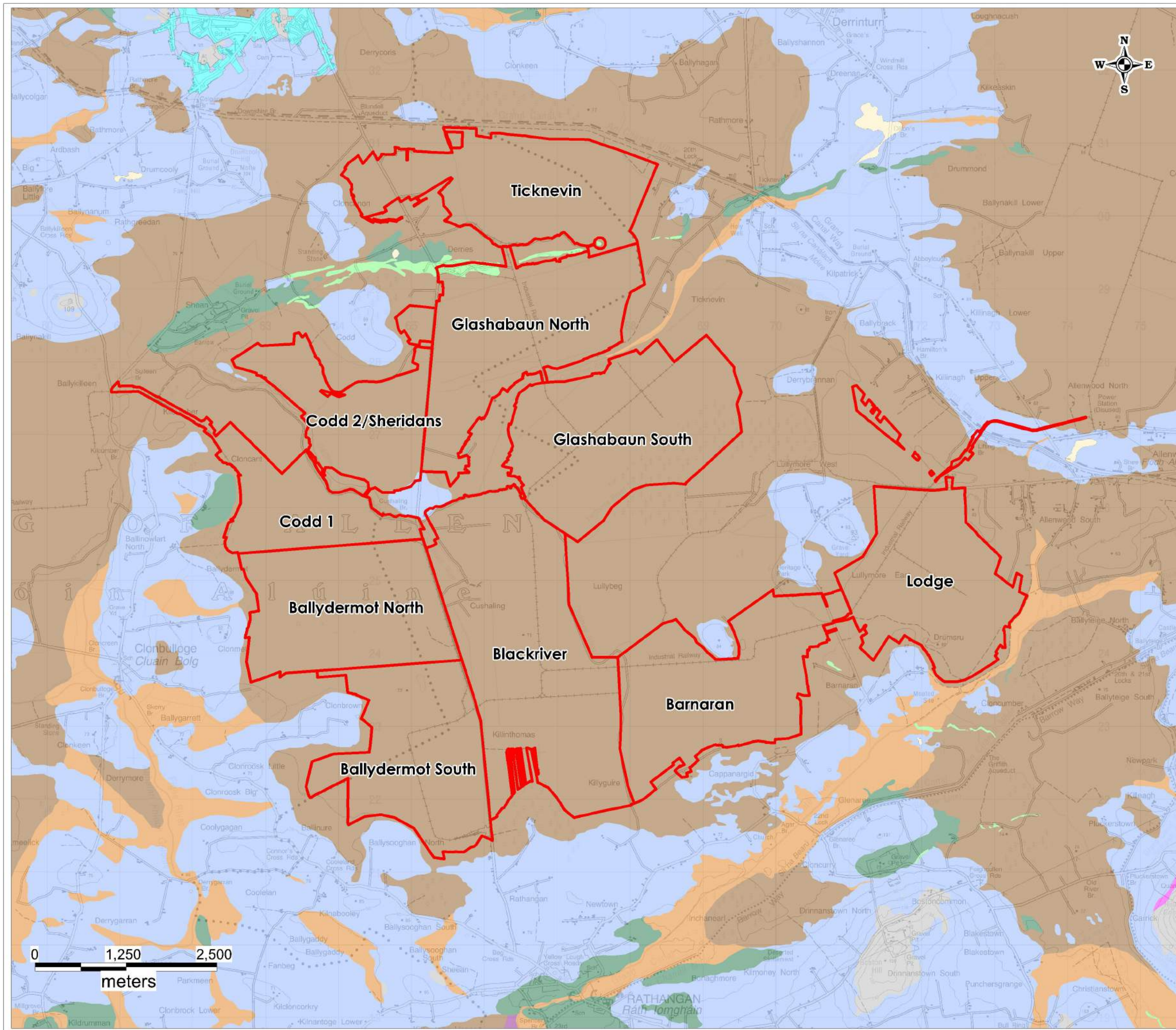
- Legend**
-  Bog Unit Boundary
  -  Alluvium
  -  Eskers gravels
  -  Cut over raised peat
  -  Gravels derived from Limestones
  -  Kartsified bedrock outcrop or subcrop
  -  Lacustrine sediments
  -  Lake marl
  -  Bedrock outcrop or subcrop
  -  Limestone Till
  -  Urban
  -  Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 11 of 16	
Figure No: 14.2.11	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
-  Bog Unit Boundary
  -  Alluvium
  -  Eskers gravels
  -  Cut over raised peat
  -  Gravels derived from Limestones
  -  Lacustrine sediments
  -  Bedrock outcrop or subcrop
  -  Limestone Till
  -  Urban

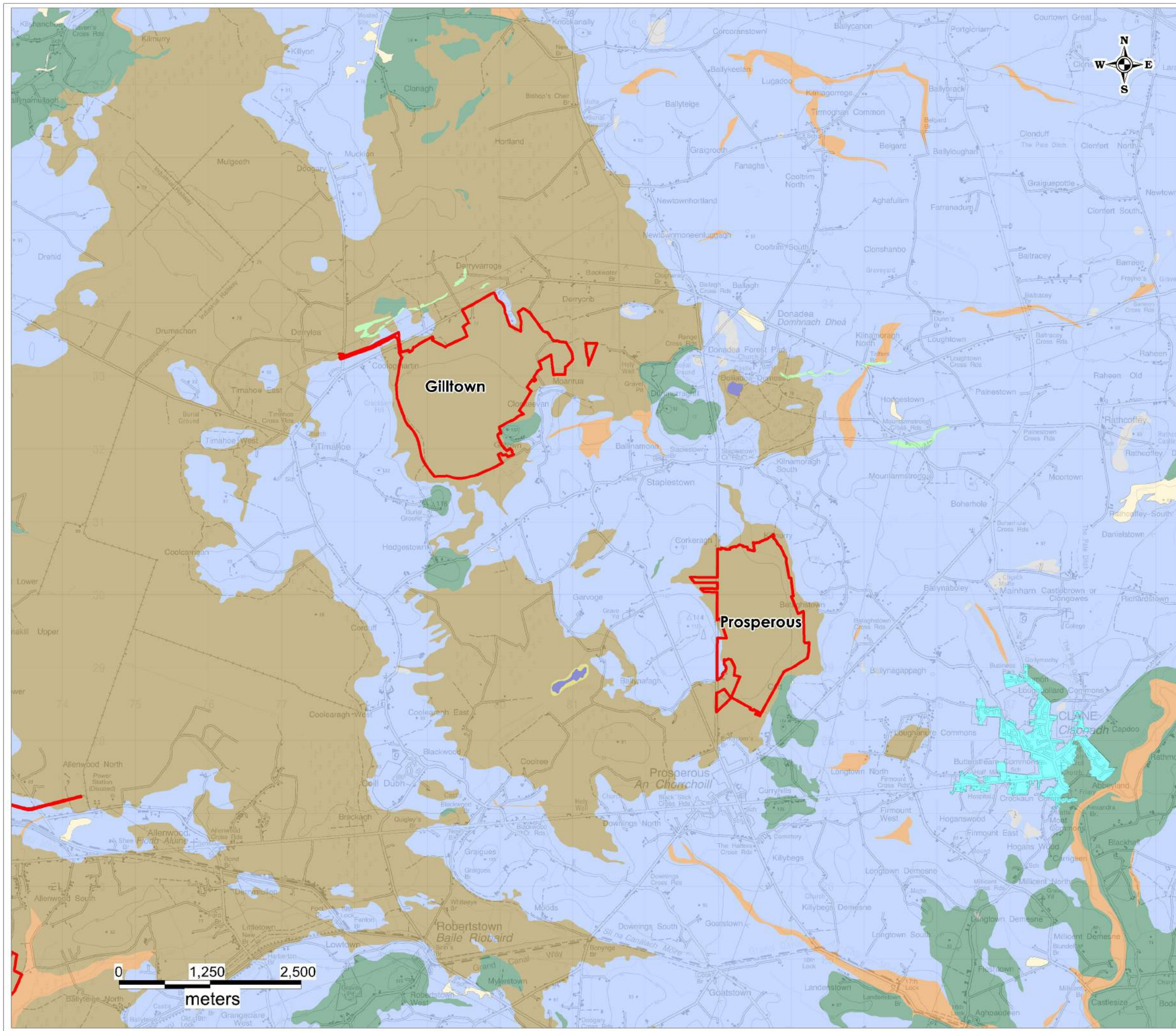


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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 12 of 16	
Figure No: 14.2.12	
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Date: 21/05/2020	Checked By: MG



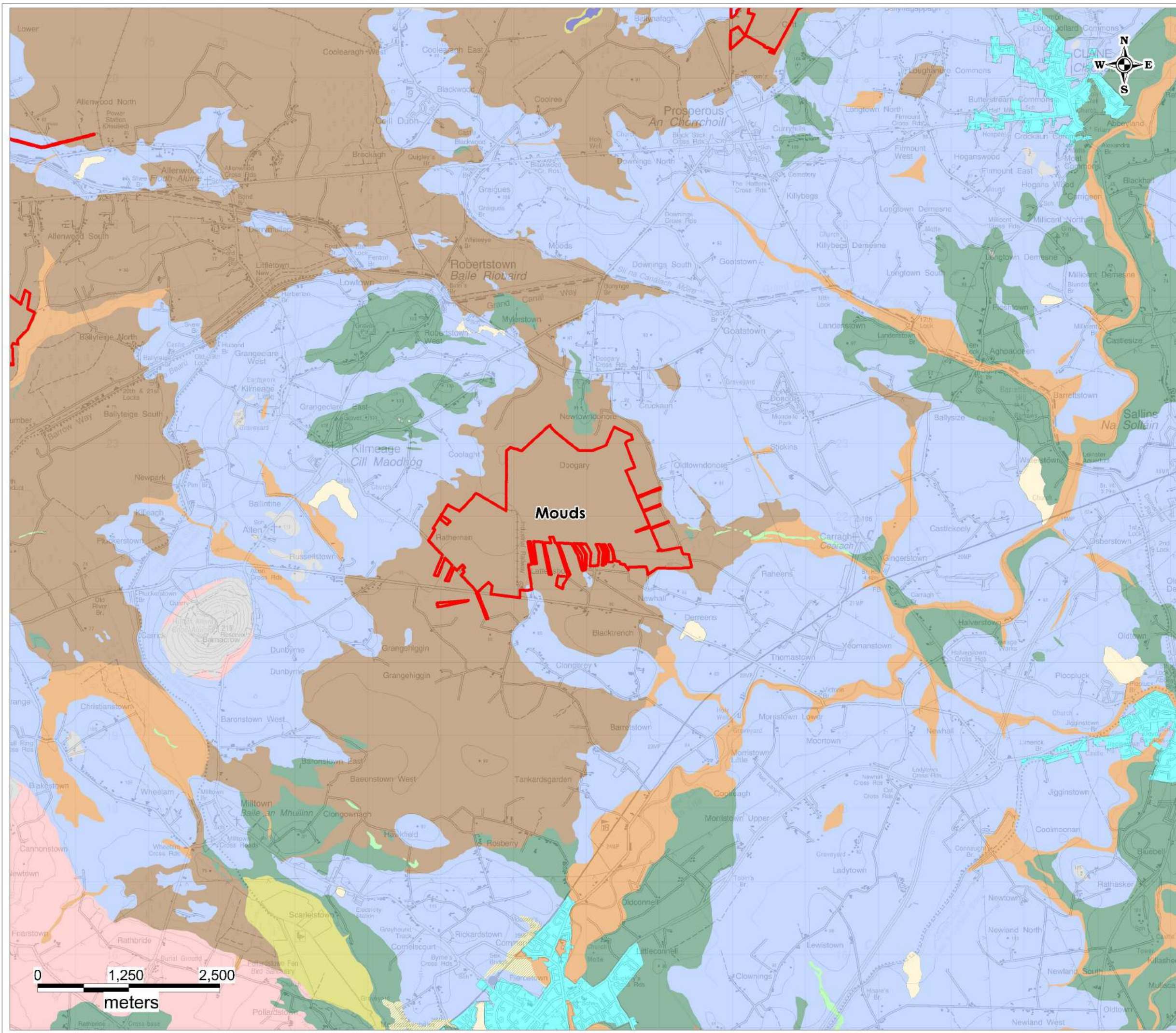
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  -  Eskers gravels
  -  Cut over raised peat
  -  Fen Peat
  -  Gravels derived from Limestones
  -  Lacustrine sediments
  -  Bedrock outcrop or subcrop
  -  Limestone Till
  -  Urban
  -  Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 13 of 16	
Figure No: 14.2.13	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
-  Bog Unit Boundary
  -  Alluvium
  -  Eskers gravels
  -  Cut over raised peat
  -  Fen Peat
  -  Gravels derived from Limestones
  -  Lacustrine sediments
  -  Lake marl
  -  Bedrock outcrop or subcrop
  -  Till derived from Lower Palaeozoic and Devonian sandstones
  -  Limestone Till
  -  Urban
  -  Water

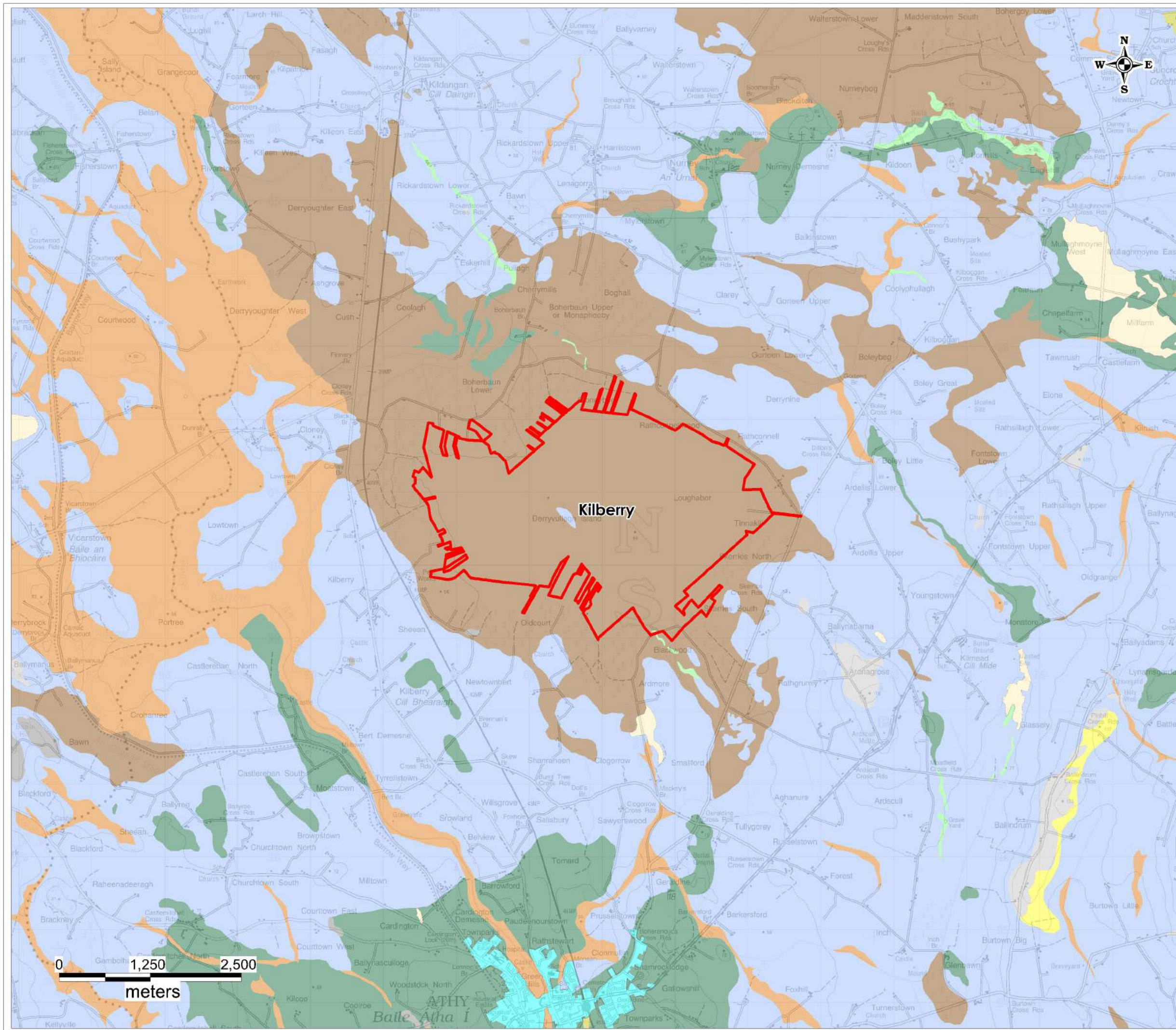
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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
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Figure No: 14.2.14	
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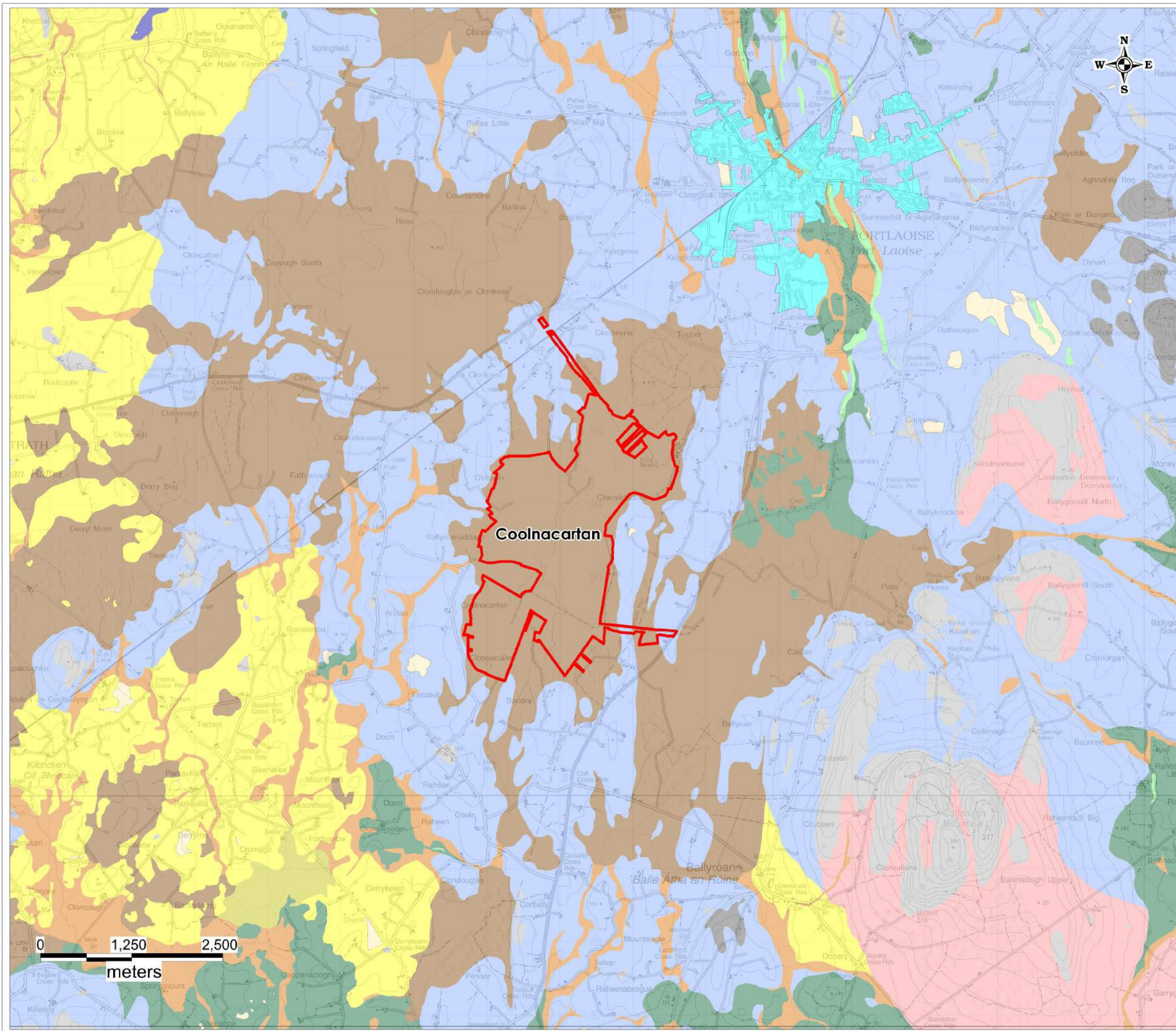
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  -  Eskers gravels
  -  Cut over raised peat
  -  Fen Peat
  -  Gravels derived from Limestones
  -  Kartsified bedrock outcrop or subcrop
  -  Lacustrine sediments
  -  Bedrock outcrop or subcrop
  -  Till derived from Lower Palaeozoic sandstones and shales
  -  Limestone Till
  -  Urban
  -  Water

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Subsoils Map Sheet 15 of 16	
Figure No: 14.2.15	
Drawing No: P1420-0-0520-A3-14.2.15-0A	
Sheet Size: A3	Project No: P1420-0
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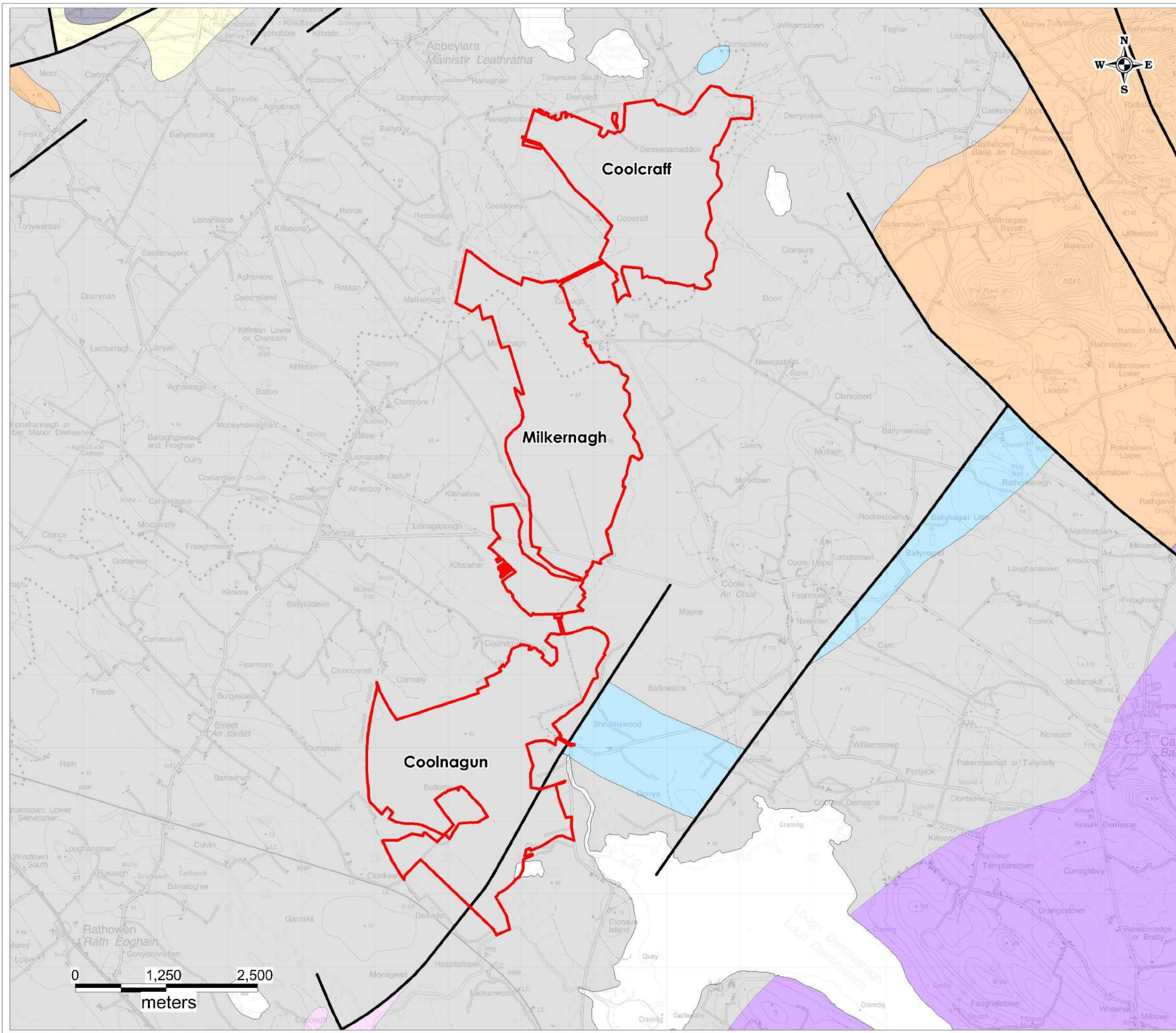
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  -  Alluvium
  -  Eskers gravels
  -  Cut over raised peat
  -  Fen Peat
  -  Gravels derived from Limestones
  -  Kartsified bedrock outcrop or subcrop
  -  Lacustrine sediments
  -  Bedrock outcrop or subcrop
  -  Till derived from Devonian sandstones
  -  Limestone Till
  -  Till derived from Namurian sandstones and shales
  -  Urban
  -  Water

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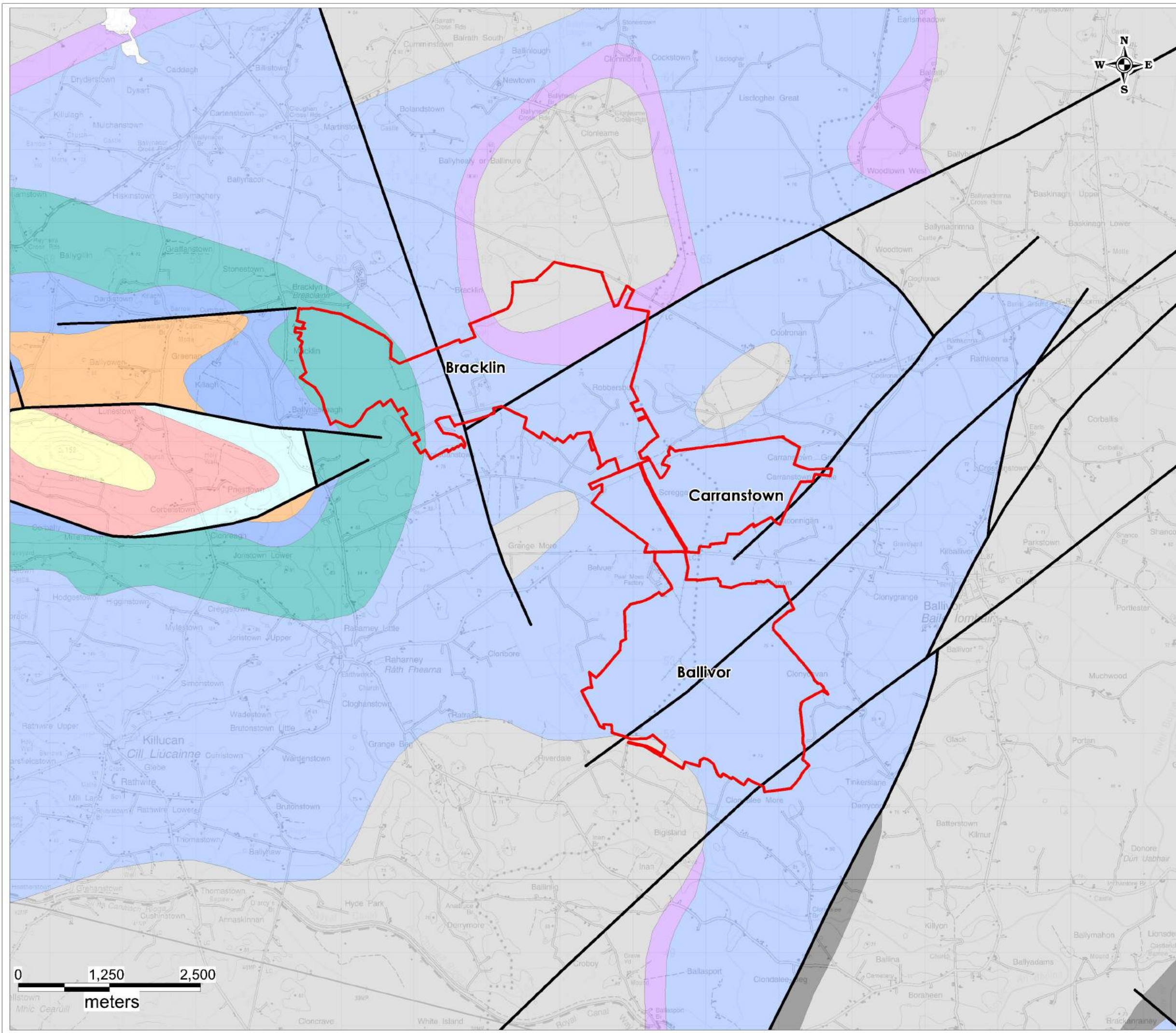
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Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
-  Bog Unit Boundary
  -  Derravaragh Cherts
  -  Lucan Formation
  -  Mudbank limestone
  -  Visean Limestones
  -  Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 1 of 16	
Figure No: 14.3.1	
Drawing No: P1420-0-0520-A3-14.3.1-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



Legend

-  Bog Unit Boundary
-  Ballysteen Formation
-  Liscarton Formation
-  Lower Palaeozoic rocks
-  Lucan Formation
-  Meath Formation
-  Moathill Formation
-  Old Red Sandstone (undifferentiated)
-  Tober Colleen Formation
-  Waulsortian Limestones
-  Mapped Faults



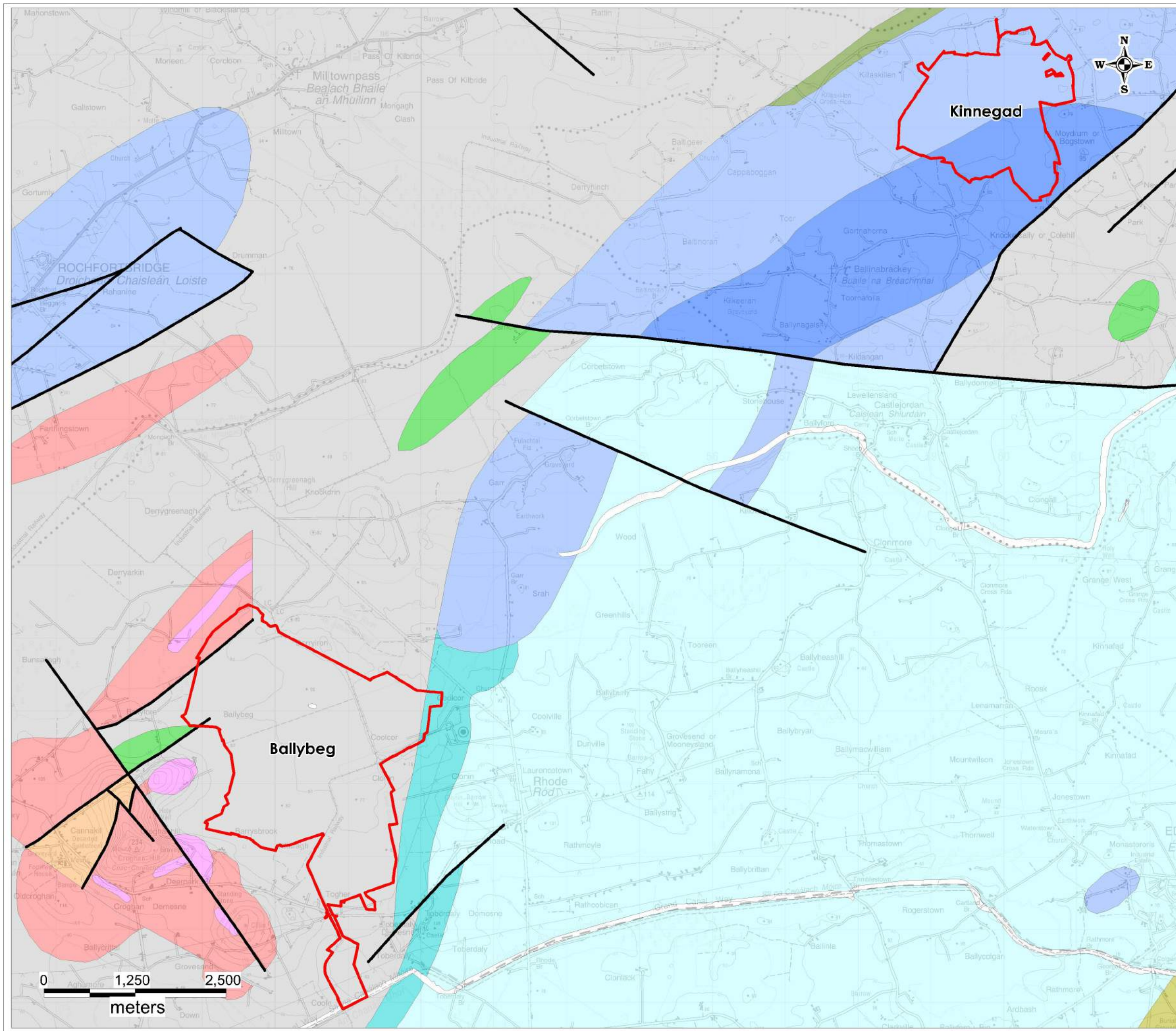
**Bracklin**

**Carranstown**

**Ballivor**

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tel: +353 (0)58 44122 fax: +353 (0)58 44244 email: info@hydroenvironmental.ie web: www.hydroenvironmental.ie	

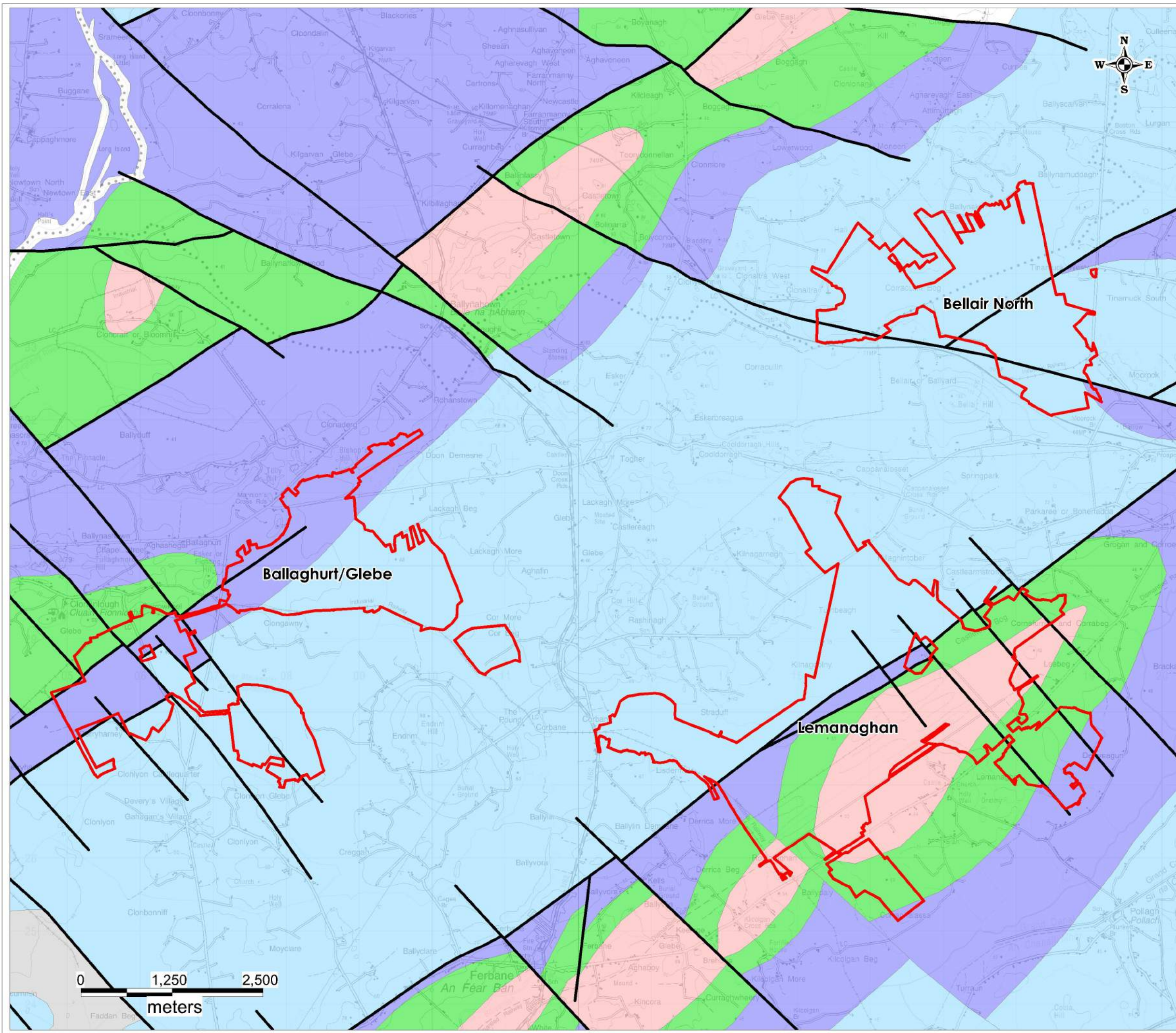
Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 2 of 16	
Figure No: 14.3.2	
Drawing No: P1420-0-0520-A3-14.3.2-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:30,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
- Bog Unit Boundary
  - Agglomerate
  - Allenwood Formation
  - Ballysteen Formation
  - Basalt
  - Calp
  - Edenderry Oolite Member
  - Lucan Formation
  - Tober Colleen Formation
  - Visian Limestones (undifferentiated)
  - Volcanics
  - Waulsortian Limestones
  - Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 3 of 16	
Figure No: 14.3.3	
Drawing No: P1420-0-0520-A3-14.3.3-0A	
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Date: 21/05/2020	Checked By: MG

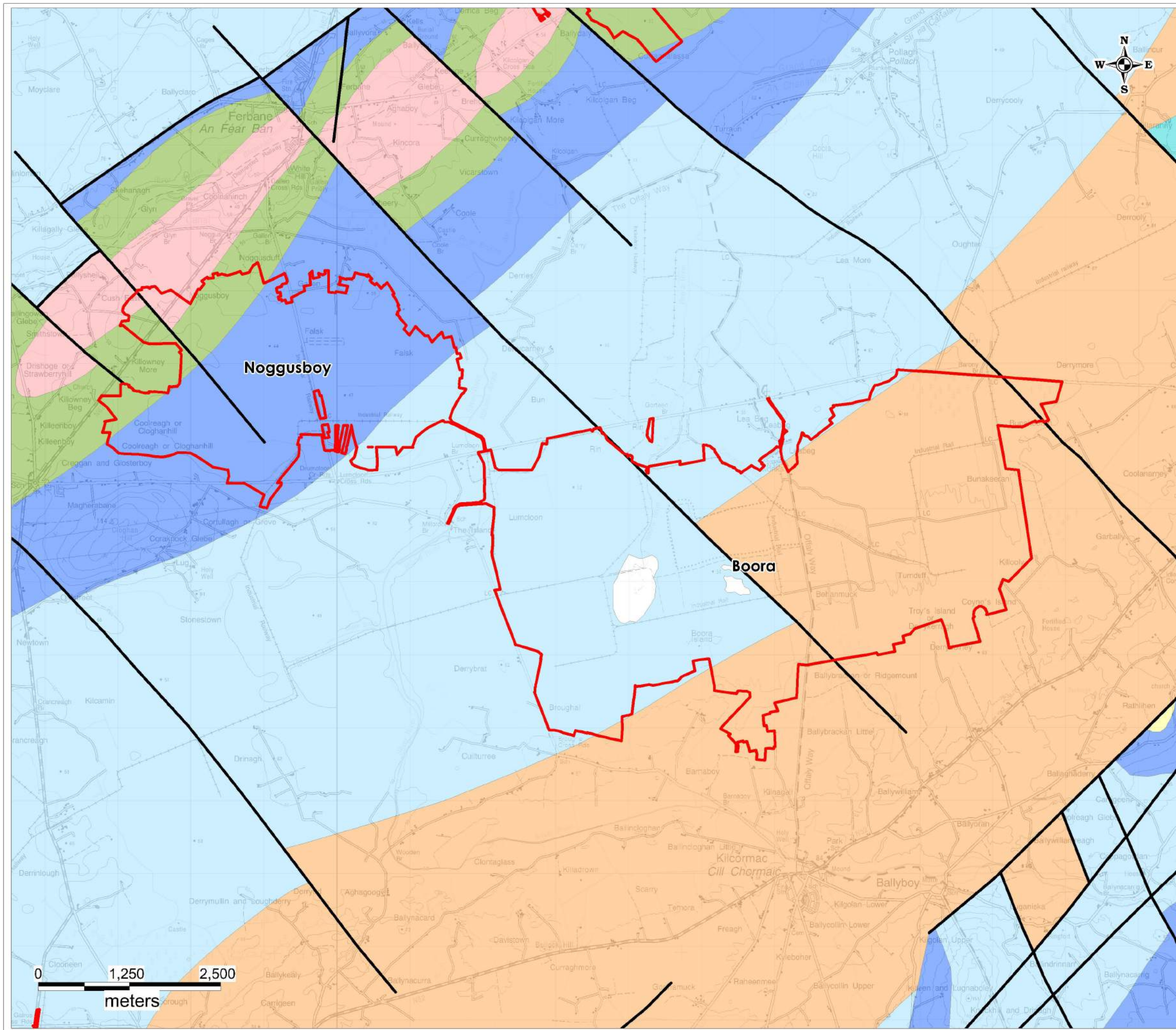


**Legend**

- Bog Unit Boundary
- Ballysteen Formation
- Lucan Formation
- Navan Beds
- Old Red Sandstone (undifferentiated)
- Waulsortian Limestones
- Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 4 of 16	
Figure No: 14.3.4	
Drawing No: P1420-0-0520-A3-14.3.4-0A	
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Date: 21/05/2020	Checked By: MG

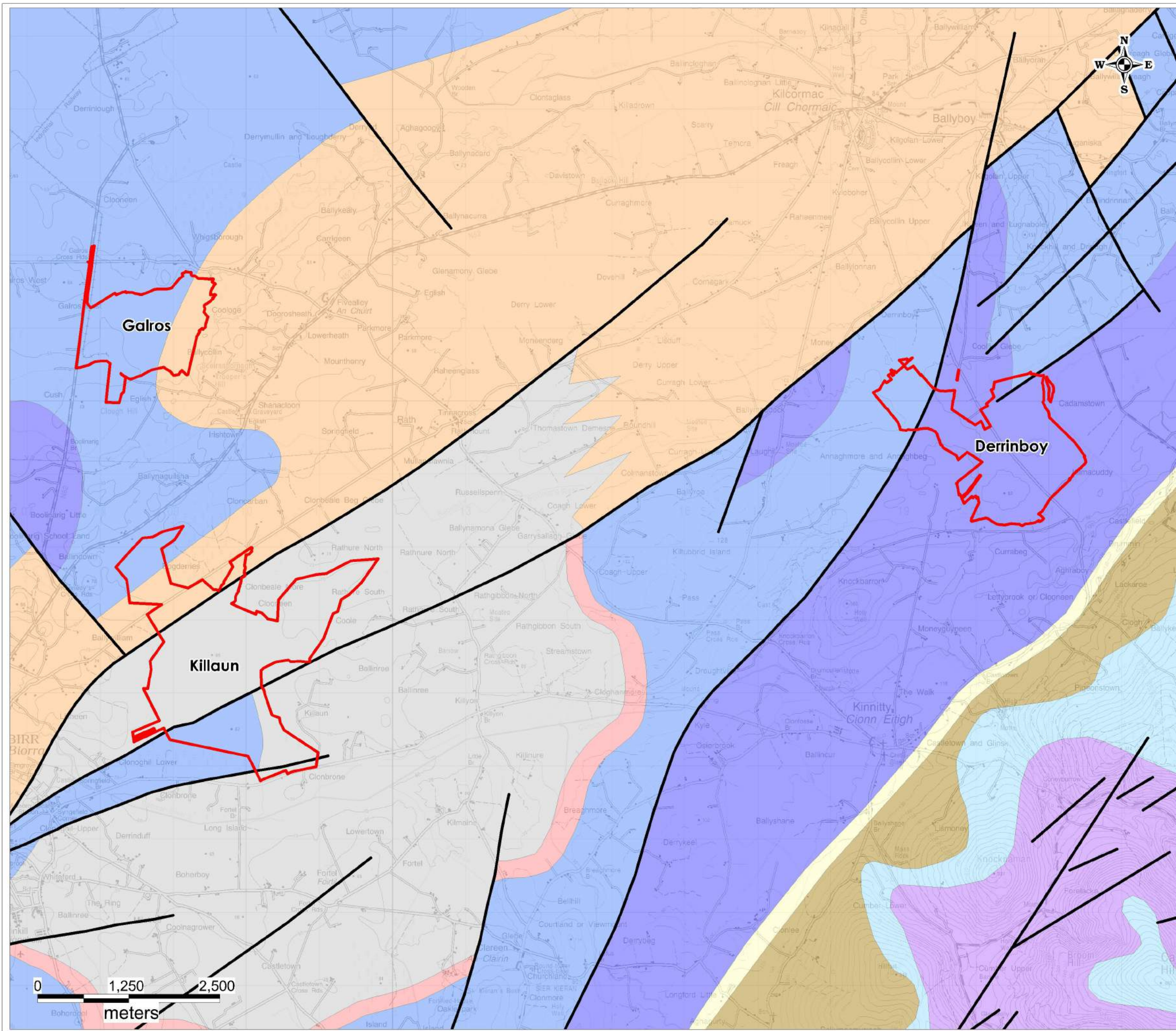


**Legend**

- Bog Unit Boundary
- Allenwood Formation
- Ballysteen Formation
- Lower Limestone Shale
- Lucan Formation
- Navan Beds
- Old Red Sandstone
- Visean Limestones
- Waulsortian Limestones
- Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 5 of 16	
Figure No: 14.3.5	
Drawing No: P1420-0-0520-A3-14.3.5-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



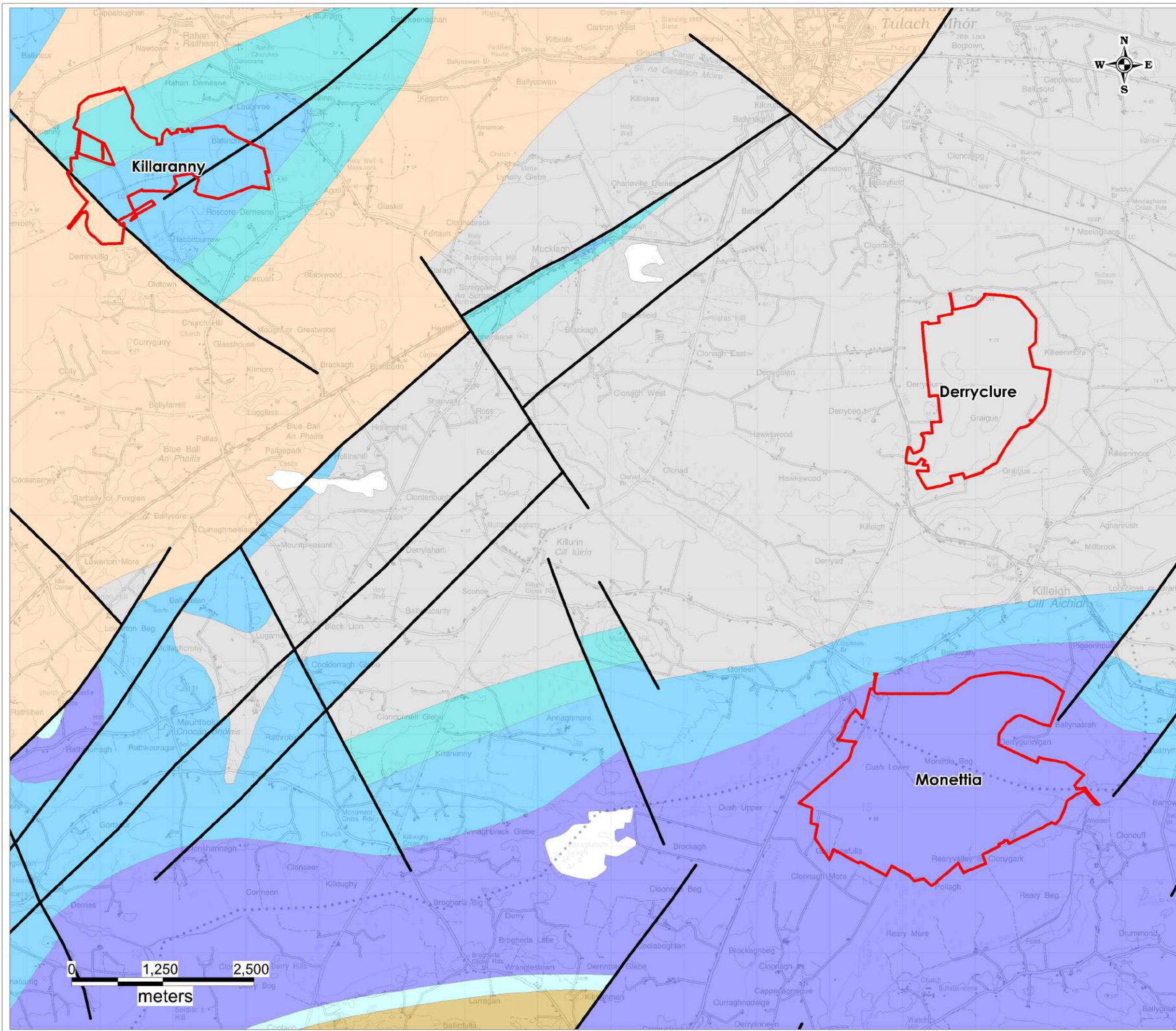
**Legend**

- Bog Unit Boundary
- Ballysteen Formation
- Cadamstown Formation
- Capard Formation
- Clonaslee Member
- Lower Limestone Shale
- Lucan Formation
- Oldcourt Cherty Limestone Formation
- Viséan Limestones (undifferentiated)
- Waulsortian Limestones
- Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 6 of 16	
Figure No: 14.3.6	
Drawing No: P1420-0-0520-A3-14.3.6-0A	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



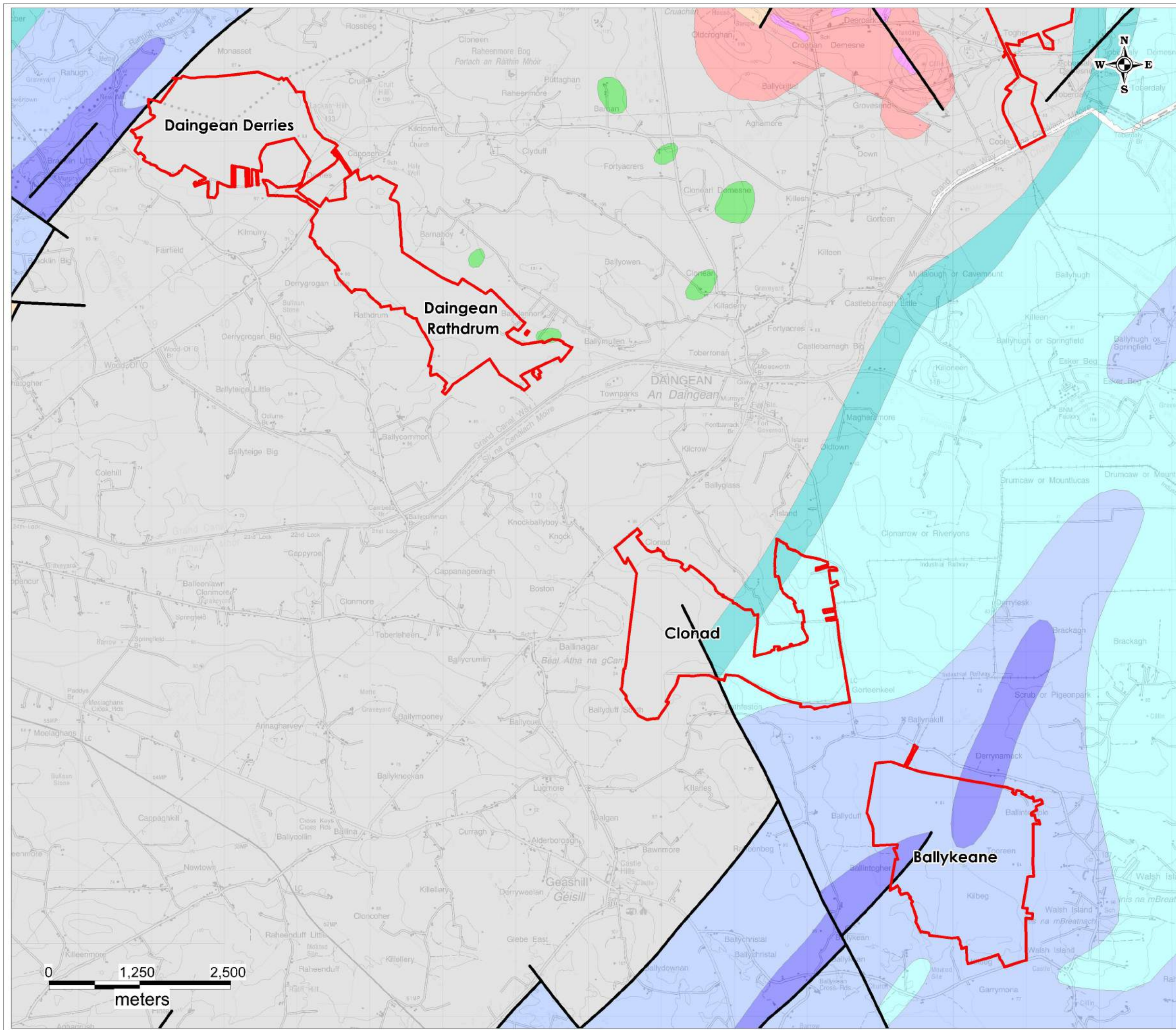


**Legend**

- Bog Unit Boundary
- Allenwood Formation
- Ballysteen Formation
- Clonaslee Member
- Lower Limestone Shale
- Lucan Formation
- Navan Beds
- Visean Limestones (undifferentiated)
- Waulsortian Limestones
- Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 7 of 16	
Figure No: 14.3.7	
Drawing No: P1420-0-0520-A3-14.3.7-0A	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

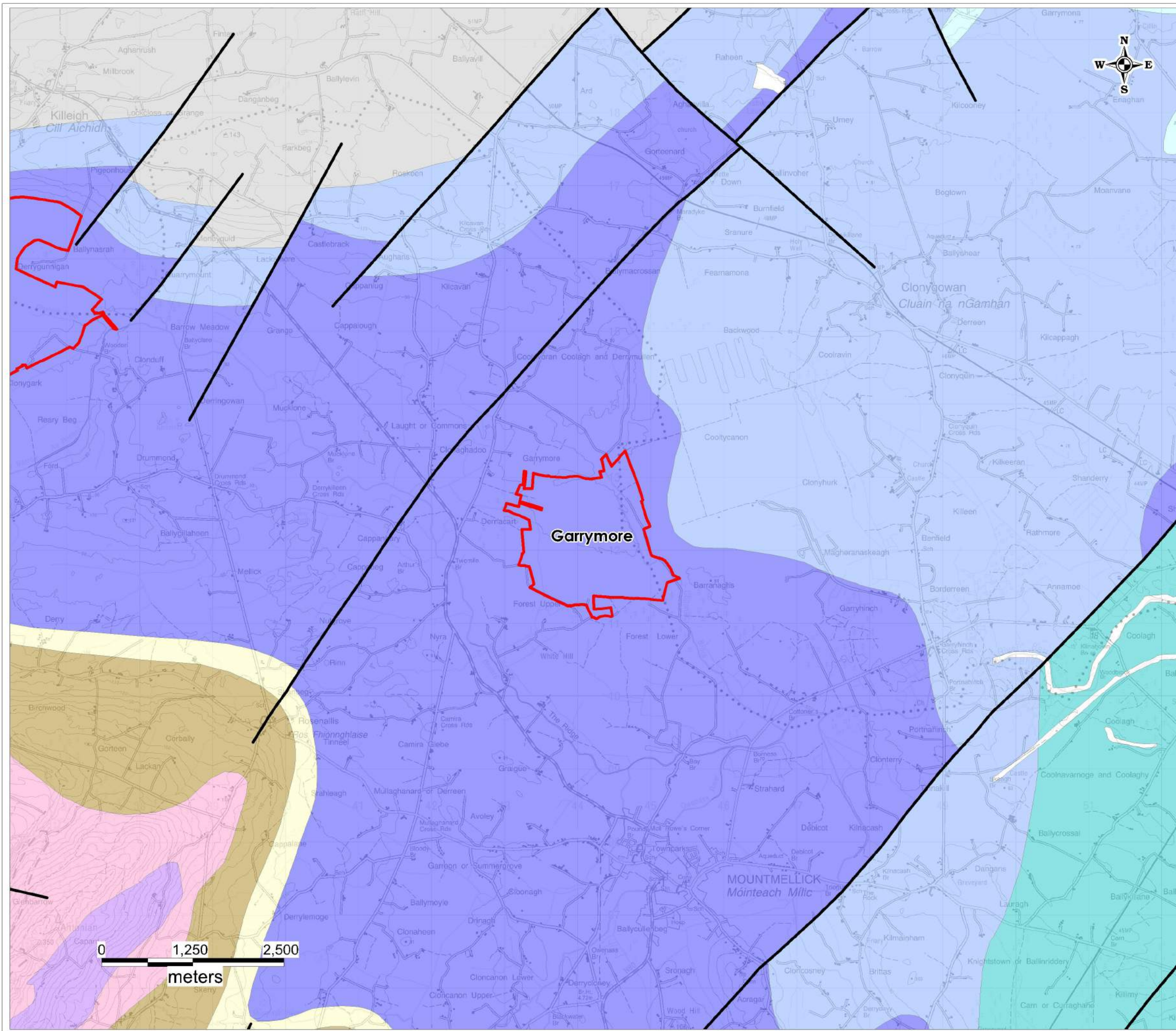


**Legend**

- Bog Unit Boundary
- Agglomerate
- Allenwood Formation
- Ballysteen Formation
- Basalt
- Edenderry Oolite Member
- Lucan Formation
- Visean Limestones (undifferentiated)
- Volcanics
- Waulsortian Limestones
- Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 8 of 16	
Figure No: 14.3.8	
Drawing No: P1420-0-0520-A3-14.3.8-0A	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

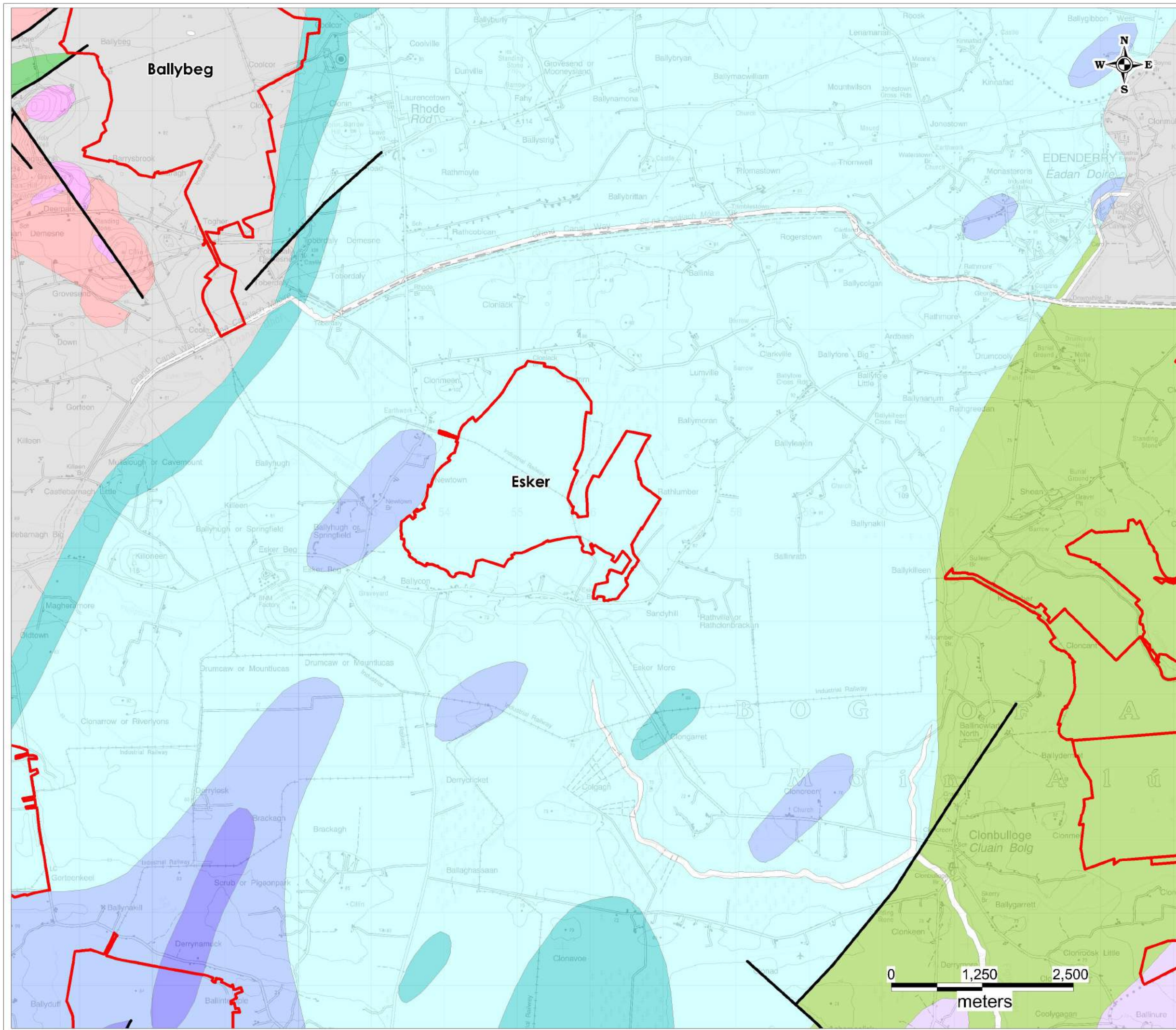


**Legend**

- Bog Unit Boundary
- Allenwood Formation
- Ballysteen Formation
- Cadamstown Formation
- Capard Formation
- Clonaslee Member
- Lower Limestone Shale
- Lucan Formation
- Waulsortian Limestones
- Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 9 of 16	
Figure No: 14.3.9	
Drawing No: P1420-0-0520-A3-14.3.9-0A	
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Date: 21/05/2020	Checked By: MG

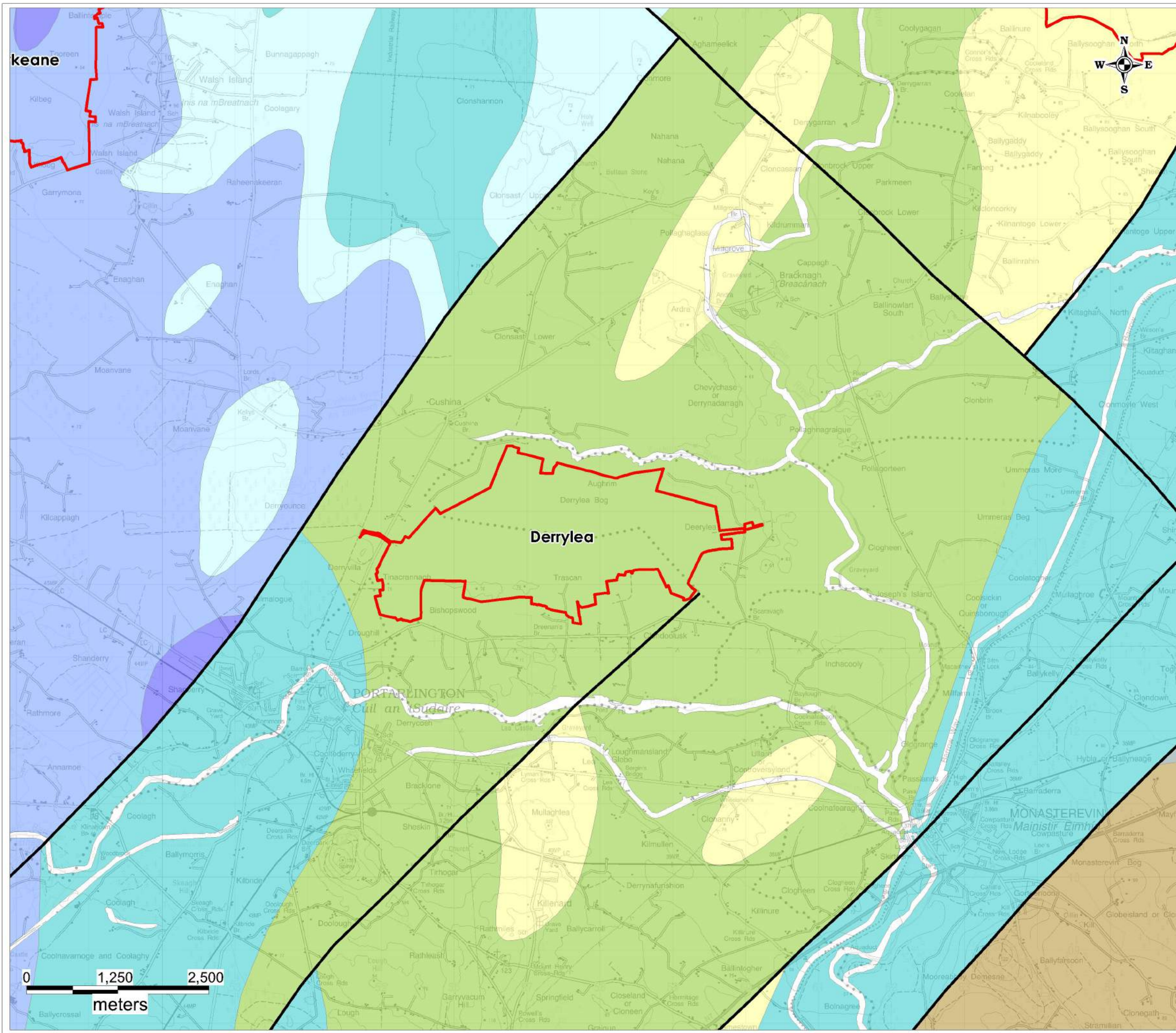


**Legend**

- Bog Unit Boundary
- Agglomerate
- Allenwood Formation
- Ballysteen Formation
- Basalt
- Calp
- Edenderry Oolite Member
- Lucan Formation
- Visean Limestones (undifferentiated)
- Volcanics
- Waulsortian Limestones
- Mapped Faults

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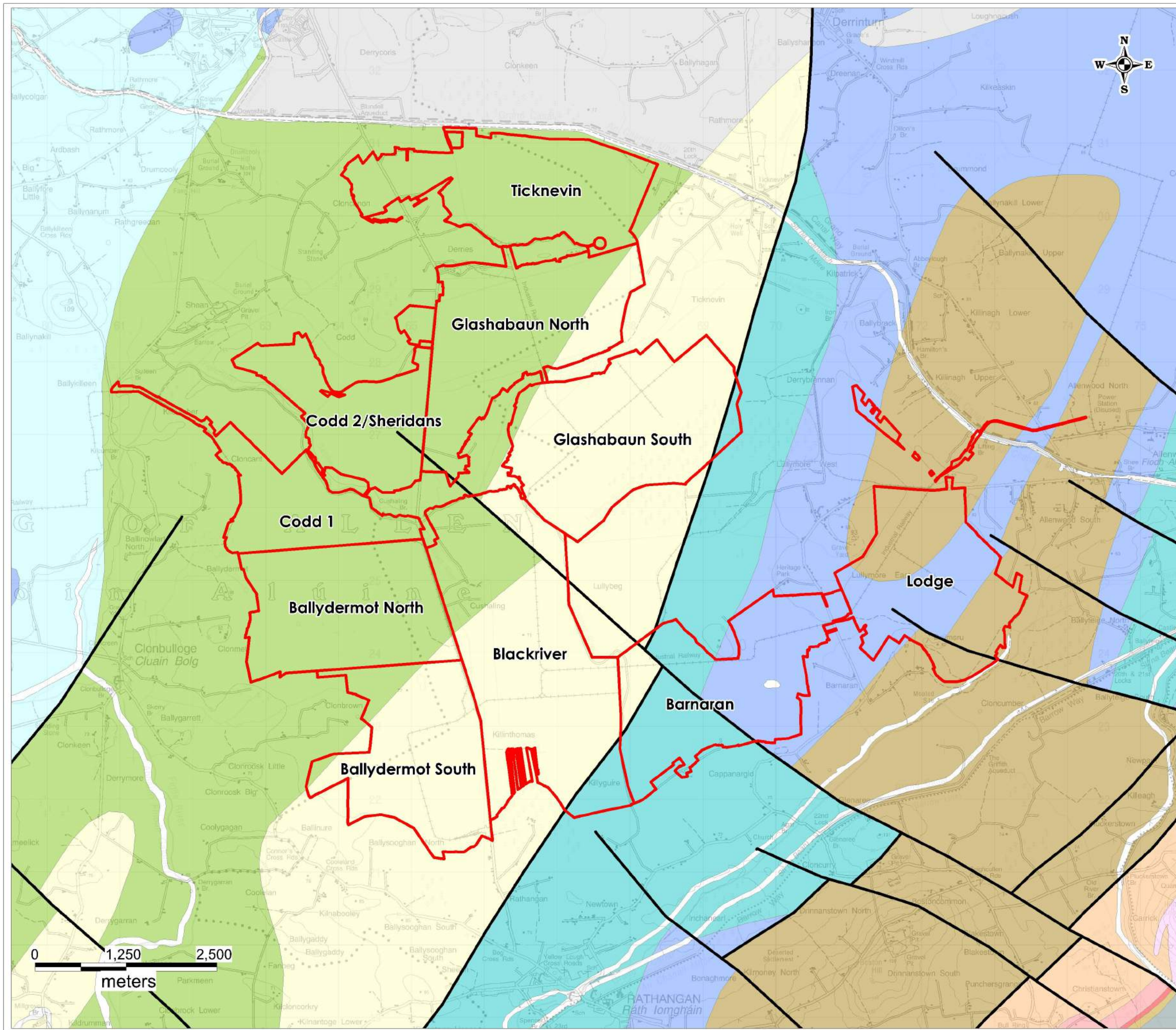
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Title: Bedrock Map Sheet 10 of 16	
Figure No: 14.3.10	
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Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
-  Bog Unit Boundary
  -  Allenwood Formation
  -  Ballyadams Formation
  -  Ballysteen Formation
  -  Boston Hill Formation
  -  Calp
  -  Edenderry Oolite Member
  -  Waulsortian Limestones
  -  Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 11 of 16	
Figure No: 14.3.11	
Drawing No: P1420-0-0520-A3-14.3.11-0A	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

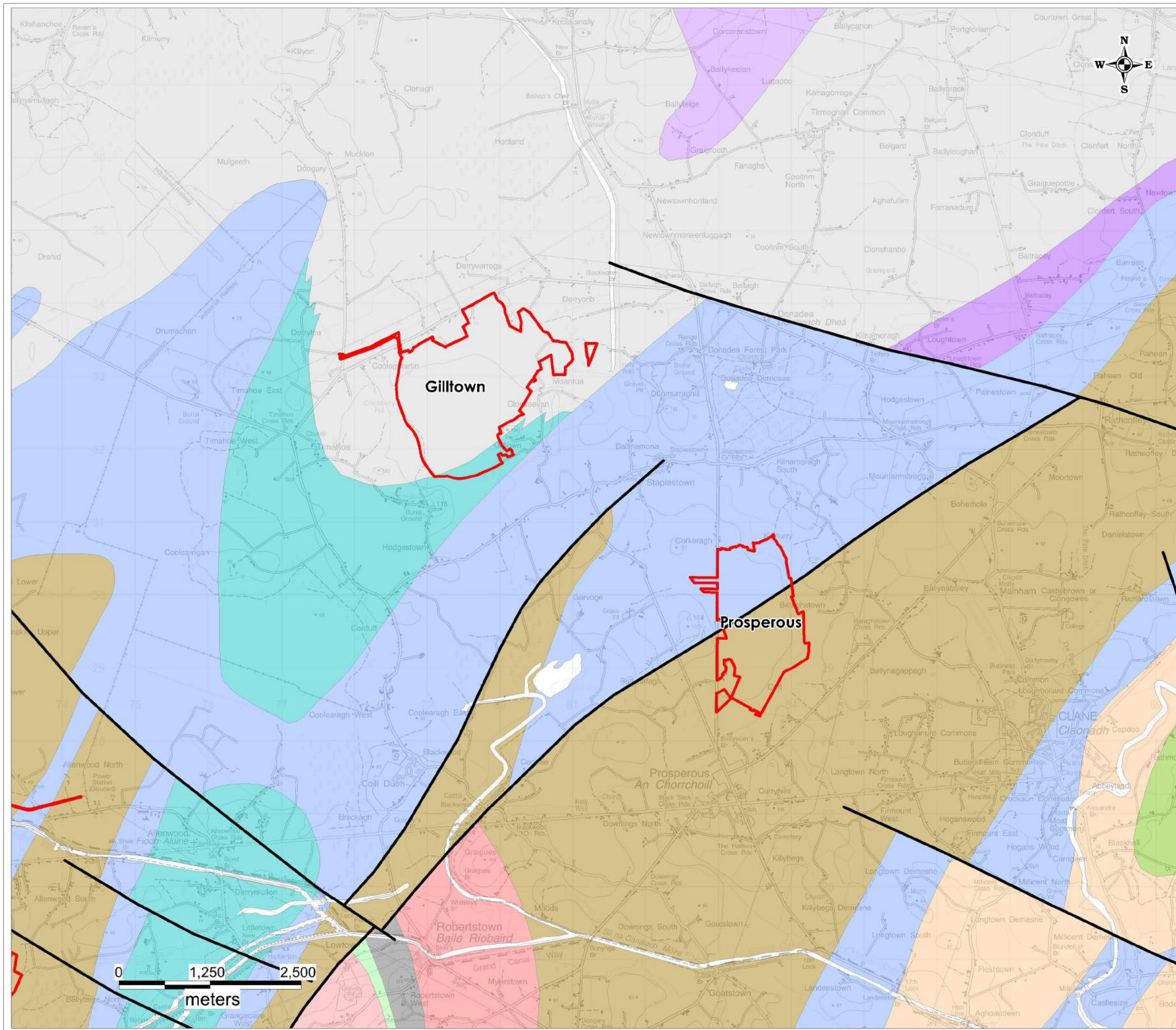


**Legend**

- Bog Unit Boundary
- Allenwood Formation
- Ballyadams Formation
- Boston Hill Formation
- Calp
- Conlanstown Formation
- Edenderry Oolite Member
- Lucan Formation
- Old Red Sandstone (undifferentiated)
- Volcanics
- Waulsortian Limestones
- Mapped Faults

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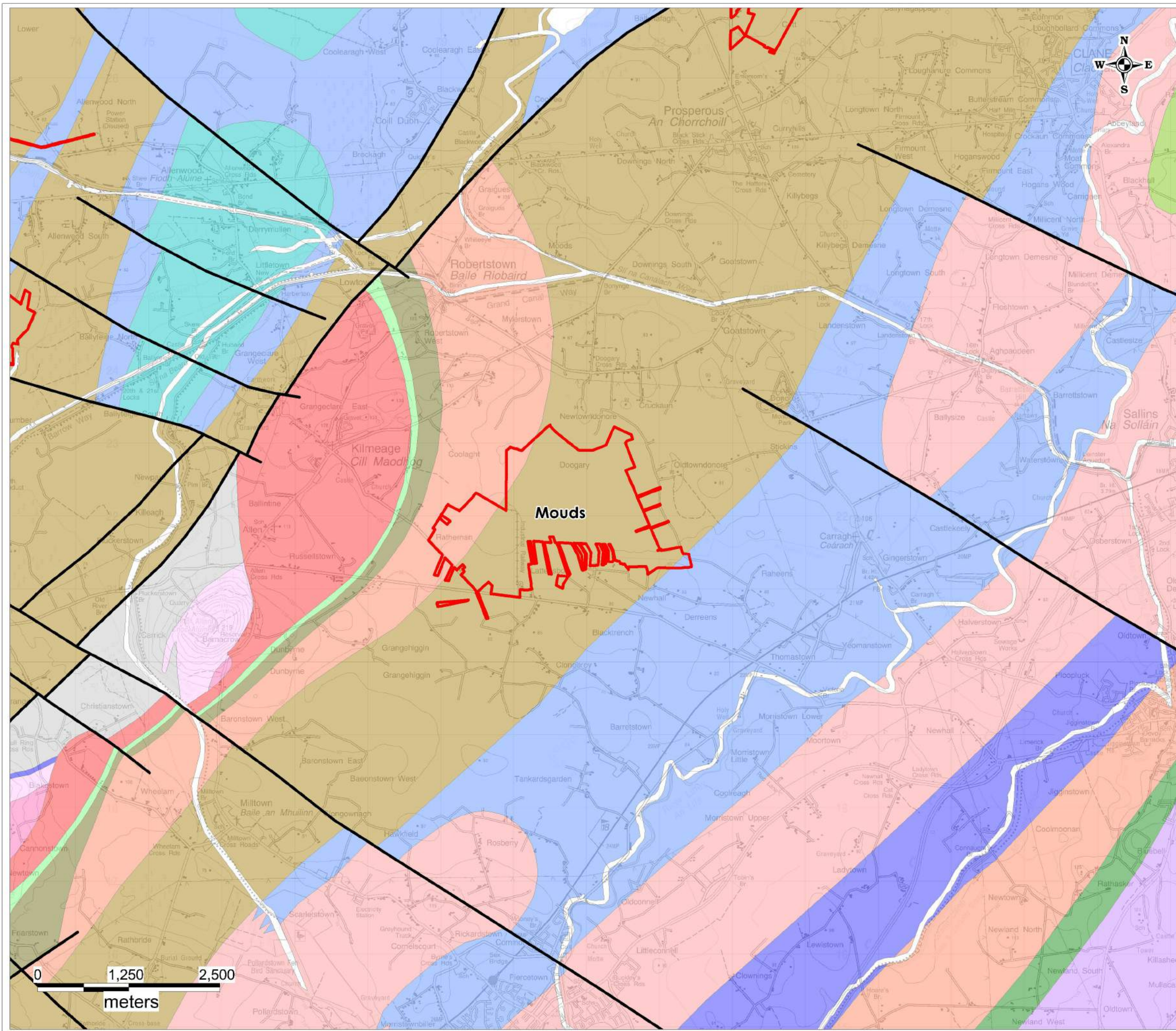
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Title: Bedrock Map Sheet 12 of 16	
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Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
- Bog Unit Boundary
  - Allenwood Formation
  - Boston Hill Formation
  - Calp
  - Cloghan Sandstone Formation
  - Feighcullen Formation
  - Lucan Formation
  - Namurian (undifferentiated)
  - Rickardstown Formation
  - Tober Colleen Formation
  - Waulsortian Limestones
  - Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 13 of 16	
Figure No: 14.3.13	
Drawing No: P1420-0-0520-A3-14.3.13-0A	
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Date: 21/05/2020	Checked By: MG

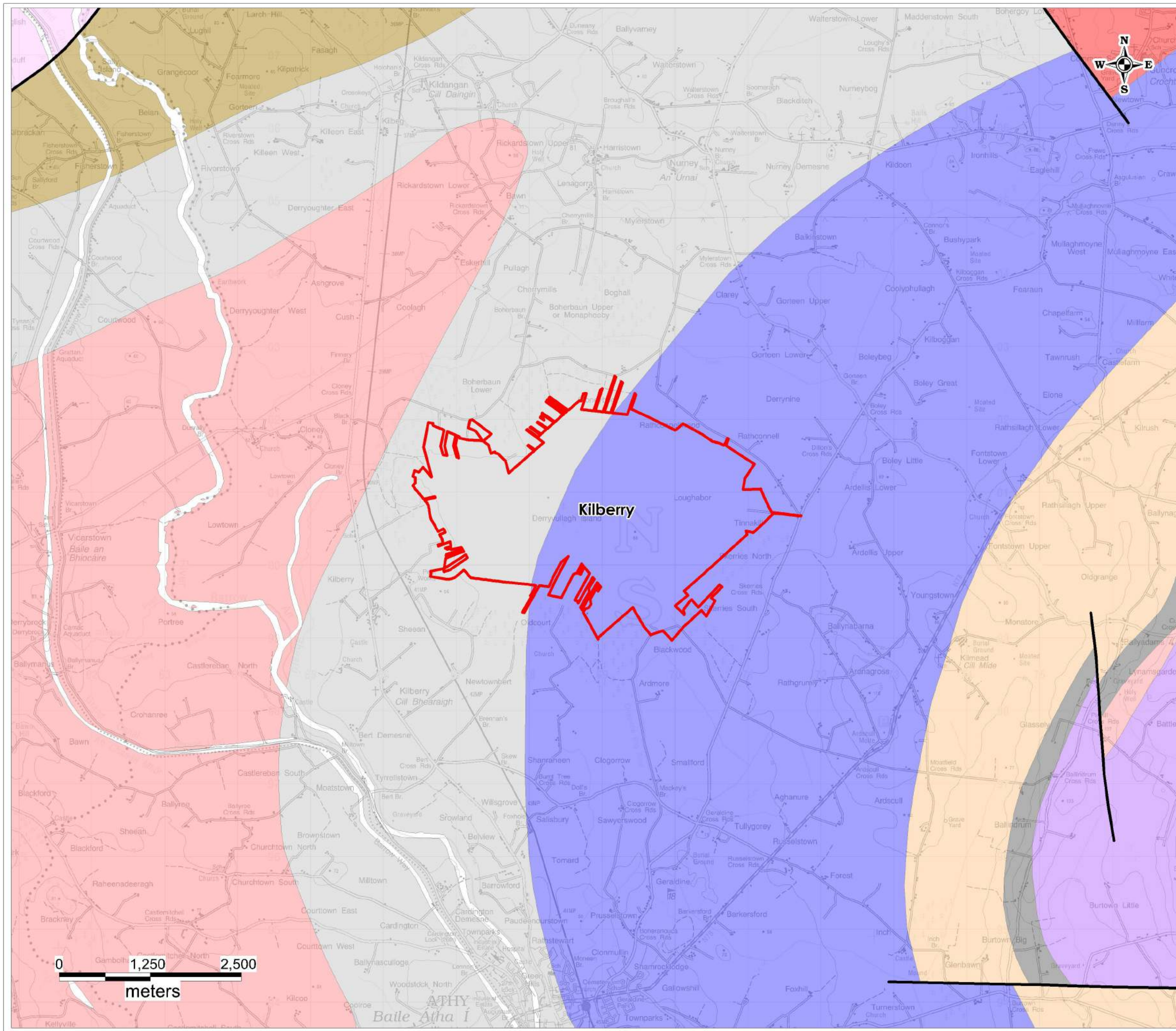


- Legend**
- Bog Unit Boundary
  - Allen Andesite Formation
  - Allenwood Formation
  - Ballysteen Formation
  - Boston Hill Formation
  - Calp
  - Carrighill Formation
  - Cloghan Sandstone Formation
  - Conlanstown Formation
  - Feighcullen Formation
  - Ferbane Mudstone Formation
  - Grange Hill Formation
  - Kildare Limestone Formation
  - Old Red Sandstone (undifferentiated)
  - Quinagh Formation
  - Rickardstown Formation
  - Tober Colleen Formation
  - Waulsortian Limestones
  - Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 14 of 16	
Figure No: 14.3.14	
Drawing No: P1420-0-0520-A3-14.3.14-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



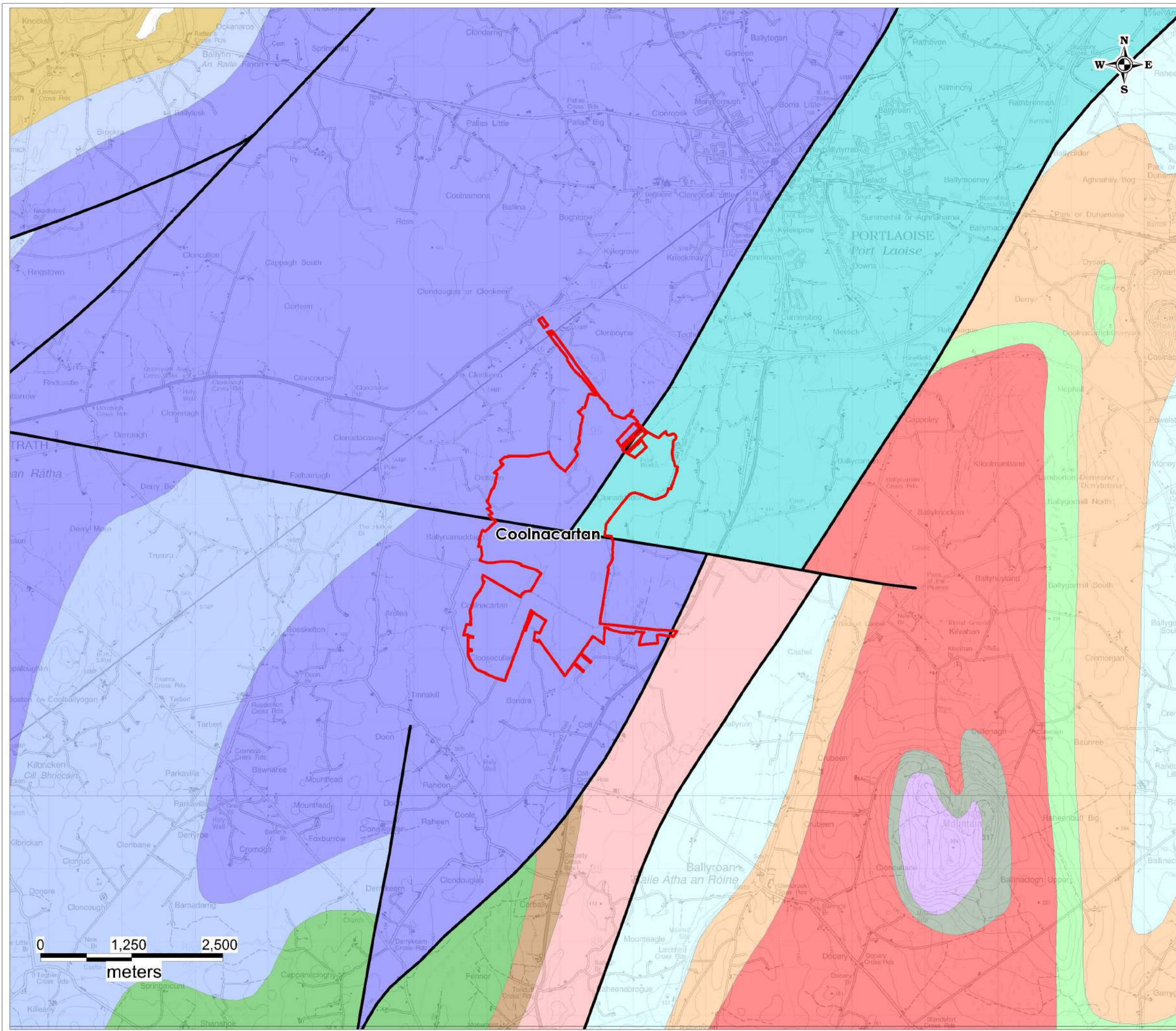


Legend

- Bog Unit Boundary
- Ballysteen Formation
- Boston Hill Formation
- Carrighill Formation
- Feighcullen Formation
- Milford Formation
- Old Red Sandstone (undifferentiated)
- Quinagh Formation
- Rickardstown Formation
- Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 15 of 16	
Figure No: 14.3.15	
Drawing No: P1420-0-0520-A3-14.3.15-0A	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

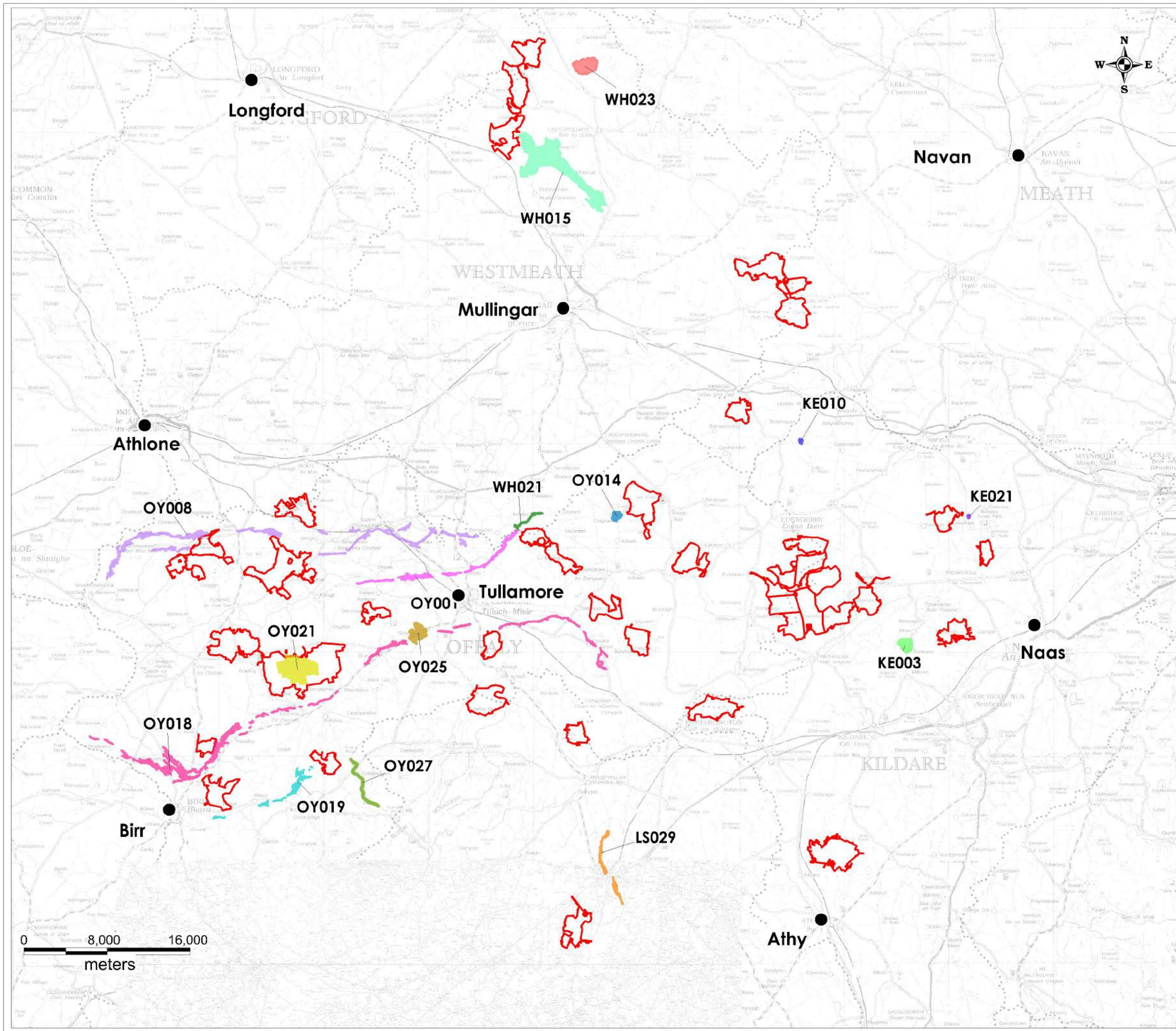


















**Legend**

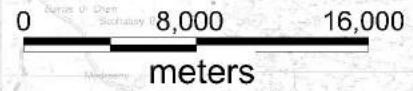
- Bog Unit Boundary
- Aghmacart Formation
- Allenwood Formation
- Ballyadams Formation
- Ballysteen Formation
- Bregau Flagstone Formation
- Clogrenan Formation
- Clonaslee Member
- Crosspatrick Formation
- in Waulsortian Limestones
- Killeshin Siltstone Formation
- Luggacurren Shale Formation
- Mapped Faults

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Bedrock Map Sheet 16 of 16	
Figure No: 14.3.16	
Drawing No: P1420-0-0520-A3-14.3.16-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
-  Bog Unit Boundary
- Geological Heritage Sites**
-  KE003
  -  KE010
  -  KE021
  -  LS029
  -  OY001
  -  OY008
  -  OY014
  -  OY018
  -  OY019
  -  OY021
  -  OY025
  -  OY027
  -  WH015
  -  WH021
  -  WH023

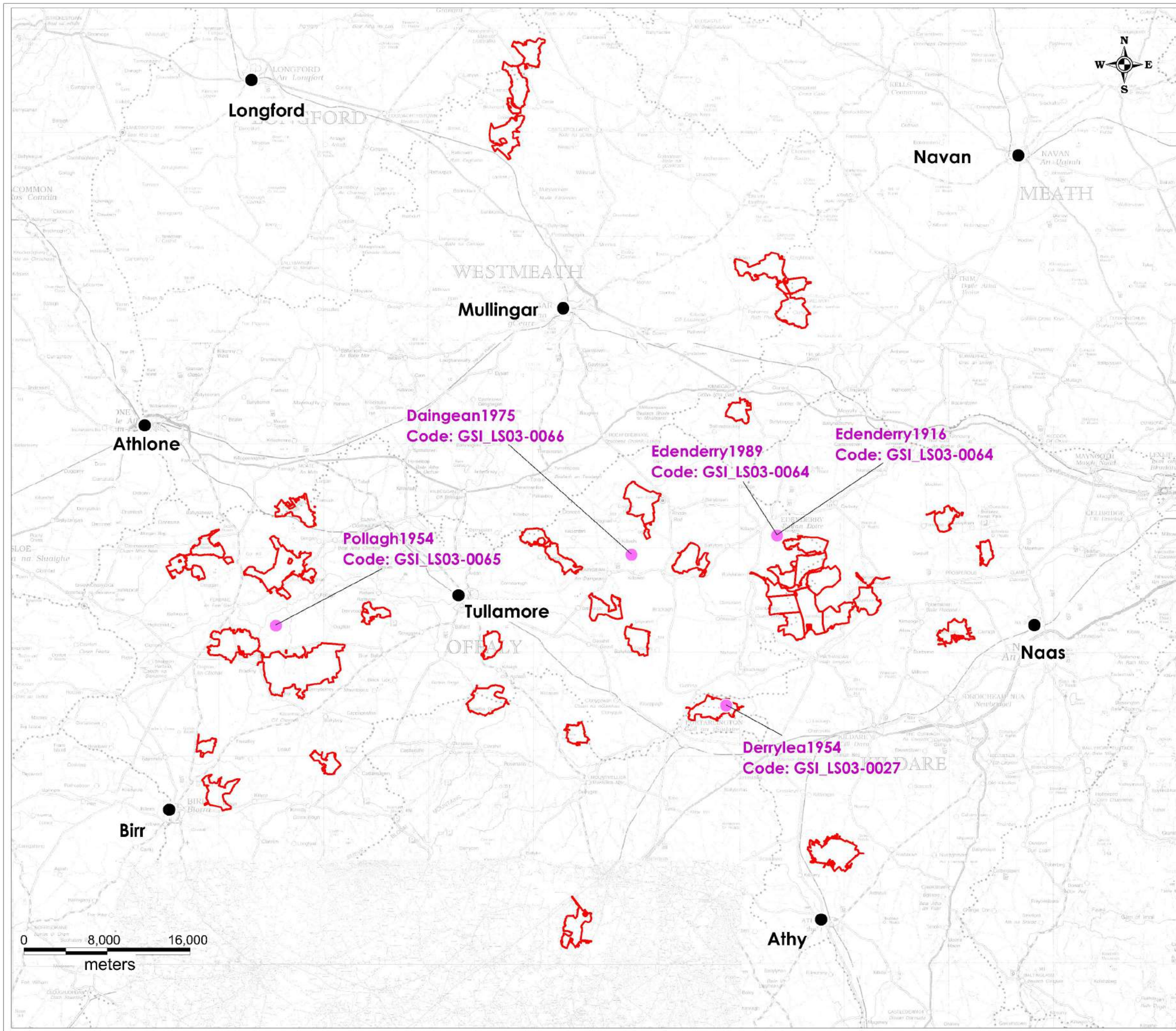



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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Geological Heritage Sites Map	
Figure No: 14.4	
Drawing No: P1420-0-0520-A3-14.4-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:350,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

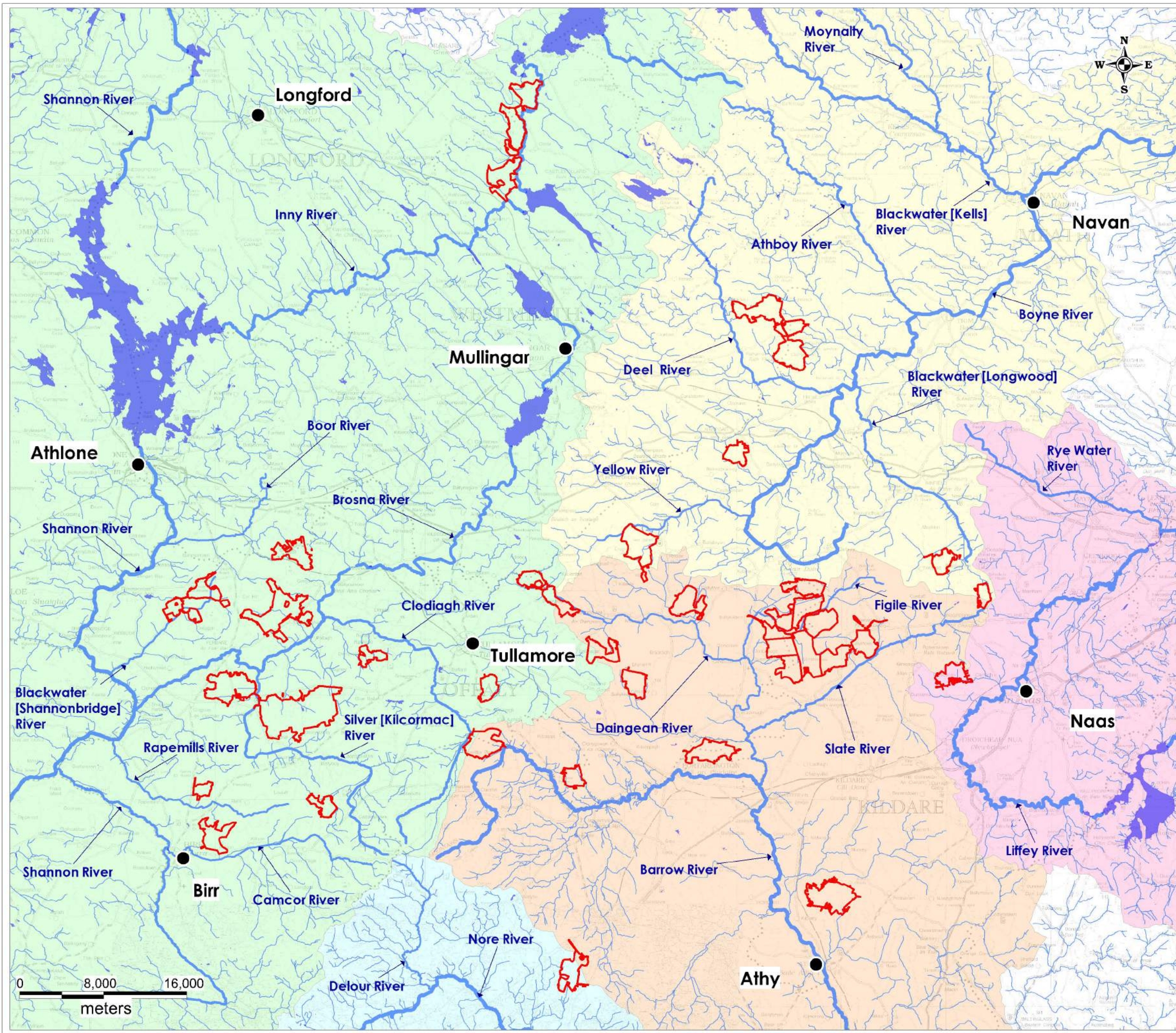


**Legend**

-  Bog Unit Boundary
-  Geohazard Locations

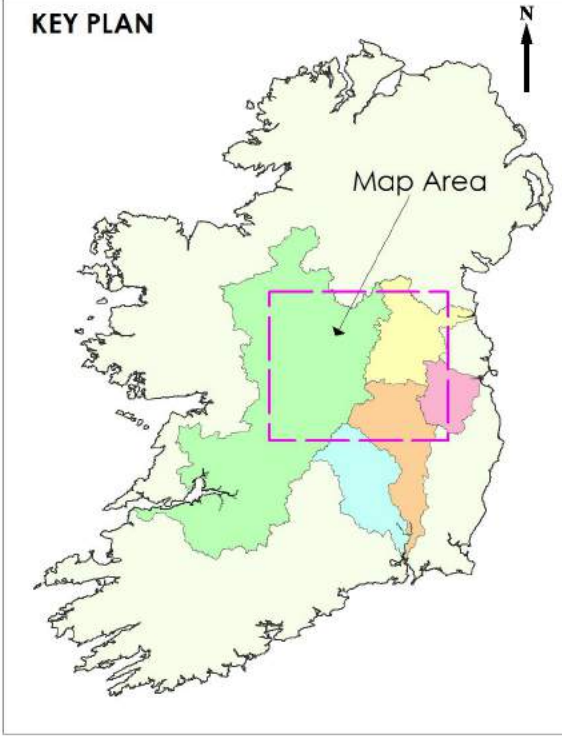
	<b>HYDRO ENVIRONMENTAL SERVICES</b>
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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Geohazard Location Map	
Figure No: 14.5	
Drawing No: P1420-0-0520-A3-14.5-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:350,000	Drawn By: GD
Date: 25/05/2020	Checked By: MG



- Legend**
- Bog Unit Boundary
  - Barrow Catchment
  - Boyne Catchment
  - Liffey Catchment
  - Nore Catchment
  - Shannon Catchment
  - Rivers/Streams
  - Lakes

\*Note:  
White areas are other WFD Catchments that do not overlap with BnM Bog Units

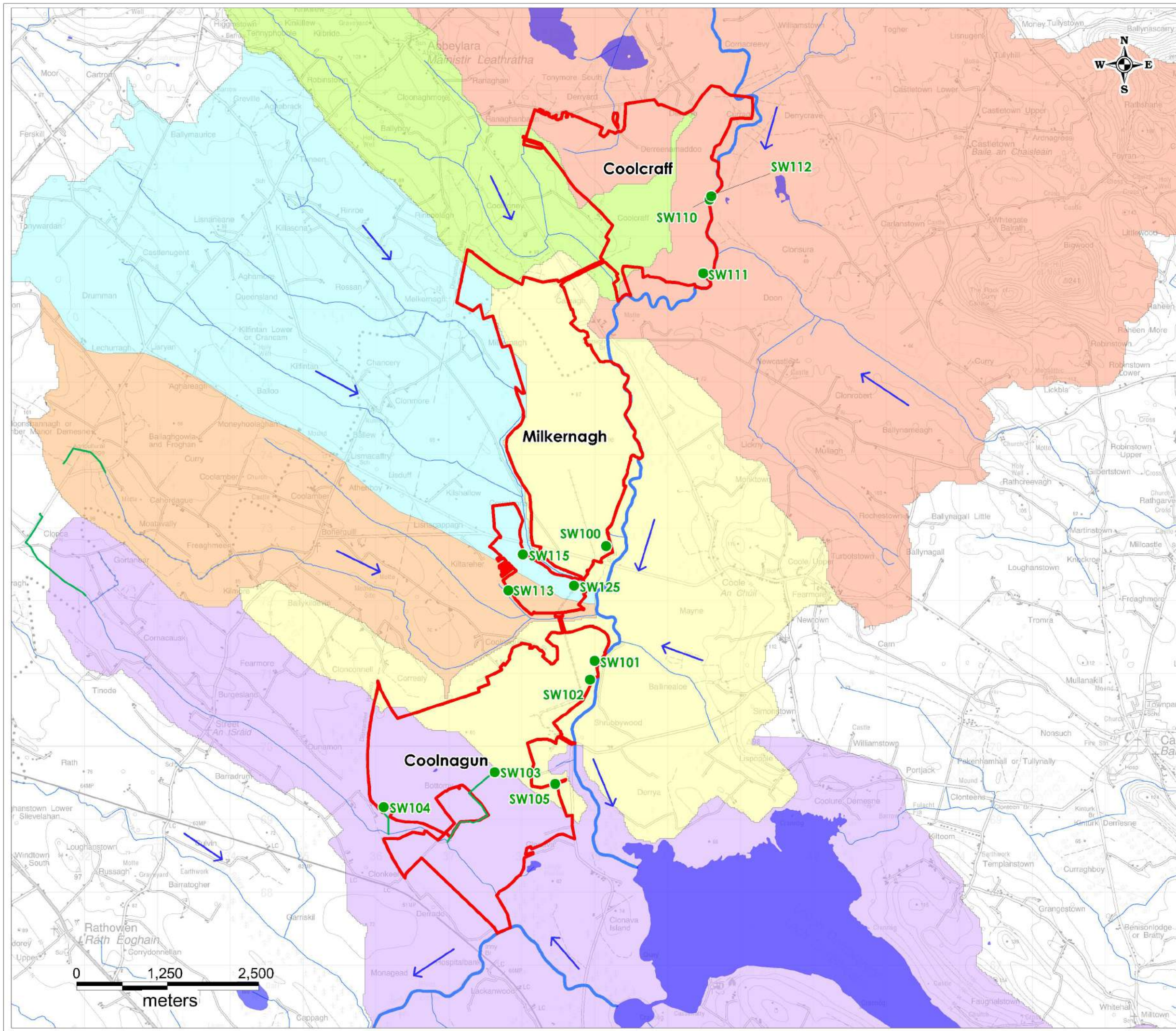


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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Regional Hydrology Map	
Figure No: 14.6	
Drawing No: P1420-0-0520-A3-14.6-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:350,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



**Legend**

- Bog Unit Boundary
- Rivers/Streams
- Lakes
- SW Discharge Location
- Bog outfall drain/stream
- Flow Direction

**WFD Sub-catchments**

- Coolnagun Stream\_010
- Ferskill\_010
- Inny\_050
- Inny\_060
- Inny\_070
- Rathcronan\_010

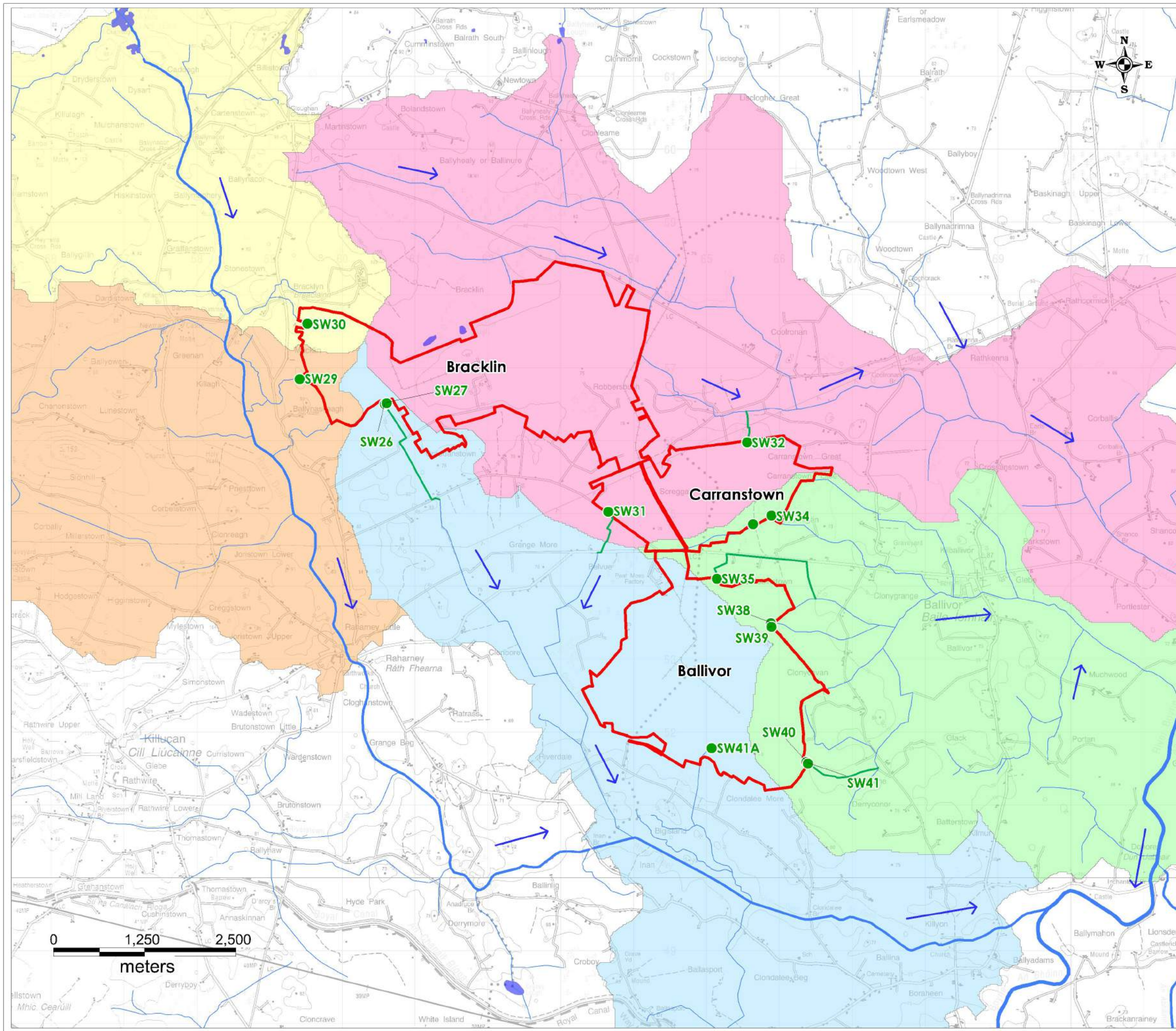
**\*Note:**  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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web: [www.hydroenvironmental.ie](http://www.hydroenvironmental.ie)

Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 1 of 16	
Figure No: 14.7.1	
Drawing No: P1420-0-0520-A3-14.7.1-0A	
Sheet Size: A3	Project No: P1420-0
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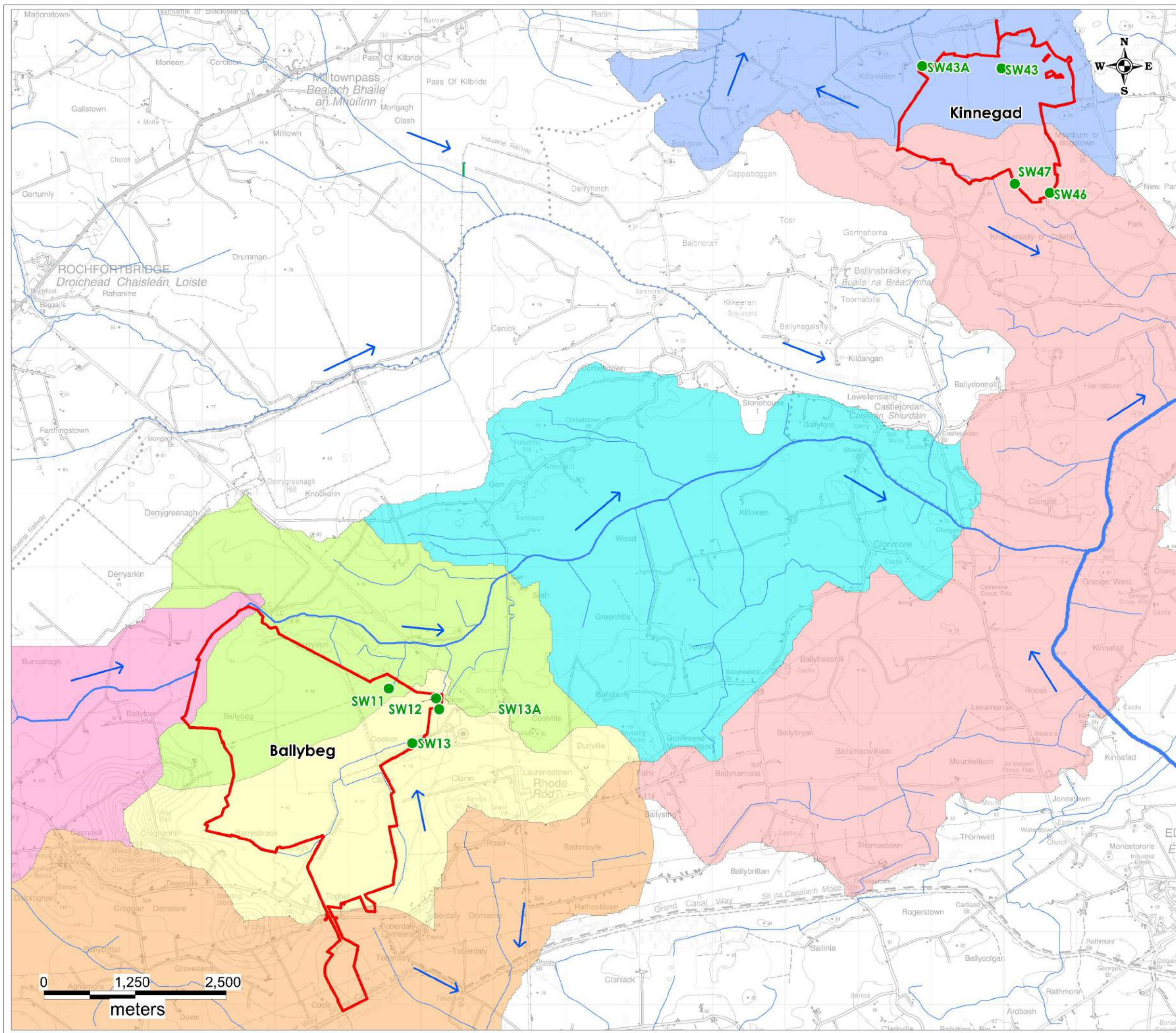
- Legend**
- Bog Unit Boundary
  - Rivers/Streams
  - Lakes
  - SW Discharge Location
  - Bog outfall drain/stream
  - ➔ Flow Direction

- WFD Sub-catchments**
- BOYNE\_060
  - DEEL (RAHARNEY)\_030
  - DEEL (RAHARNEY)\_040
  - DEEL (RAHARNEY)\_060
  - STONYFORD\_040

\*Note:  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 2 of 16	
Figure No: 14.7.2	
Drawing No: P1420-0-0520-A3-14.7.2-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



**Legend**

- Bog Unit Boundary
- Rivers/Streams
- SW Discharge Location
- Bog outfall drain/stream
- ➔ Flow Direction

**WFD Sub-catchments**

- BOYNE\_030
- CASTLETOWN TARA STREAM\_010
- ESKER STREAM\_010
- KINNEGAD\_020
- YELLOW (CASTLEJORDAN)\_010
- YELLOW (CASTLEJORDAN)\_020
- YELLOW (CASTLEJORDAN)\_030

**\*Note:**  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

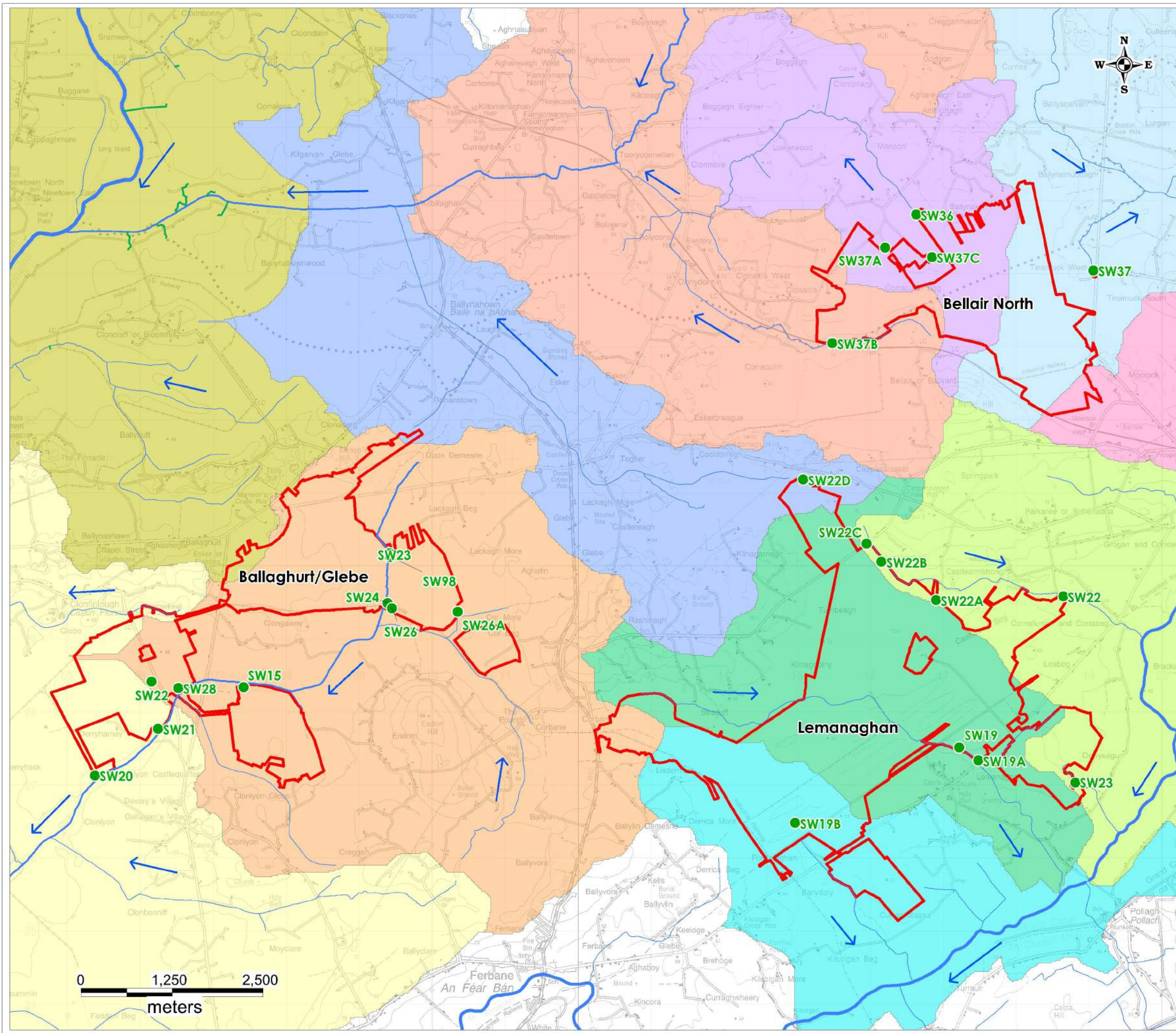
**HYDRO ENVIRONMENTAL SERVICES**

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email: [info@hydroenvironmental.ie](mailto:info@hydroenvironmental.ie)  
web: [www.hydroenvironmental.ie](http://www.hydroenvironmental.ie)

Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 3 of 16	
Figure No: 14.7.3	
Drawing No: P1420-0-0520-A3-14.7.3-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG





**Legend**

- Bog Unit Boundary
- Rivers/Streams
- SW Discharge Location
- Bog outfall drain/stream
- ➔ Flow Direction

**WFD Sub-Catchments**

- BLACKWATER (SHANNONBRIDGE)\_010
- BLACKWATER (SHANNONBRIDGE)\_020
- BOOR\_010
- BOOR\_020
- BROSNA\_090
- BROSNA\_100
- BROSNA\_110
- CLONMORE\_010
- LEMANAGHAN STREAM\_010
- MOATE STREAM\_010
- SHANNON (Upper)\_120

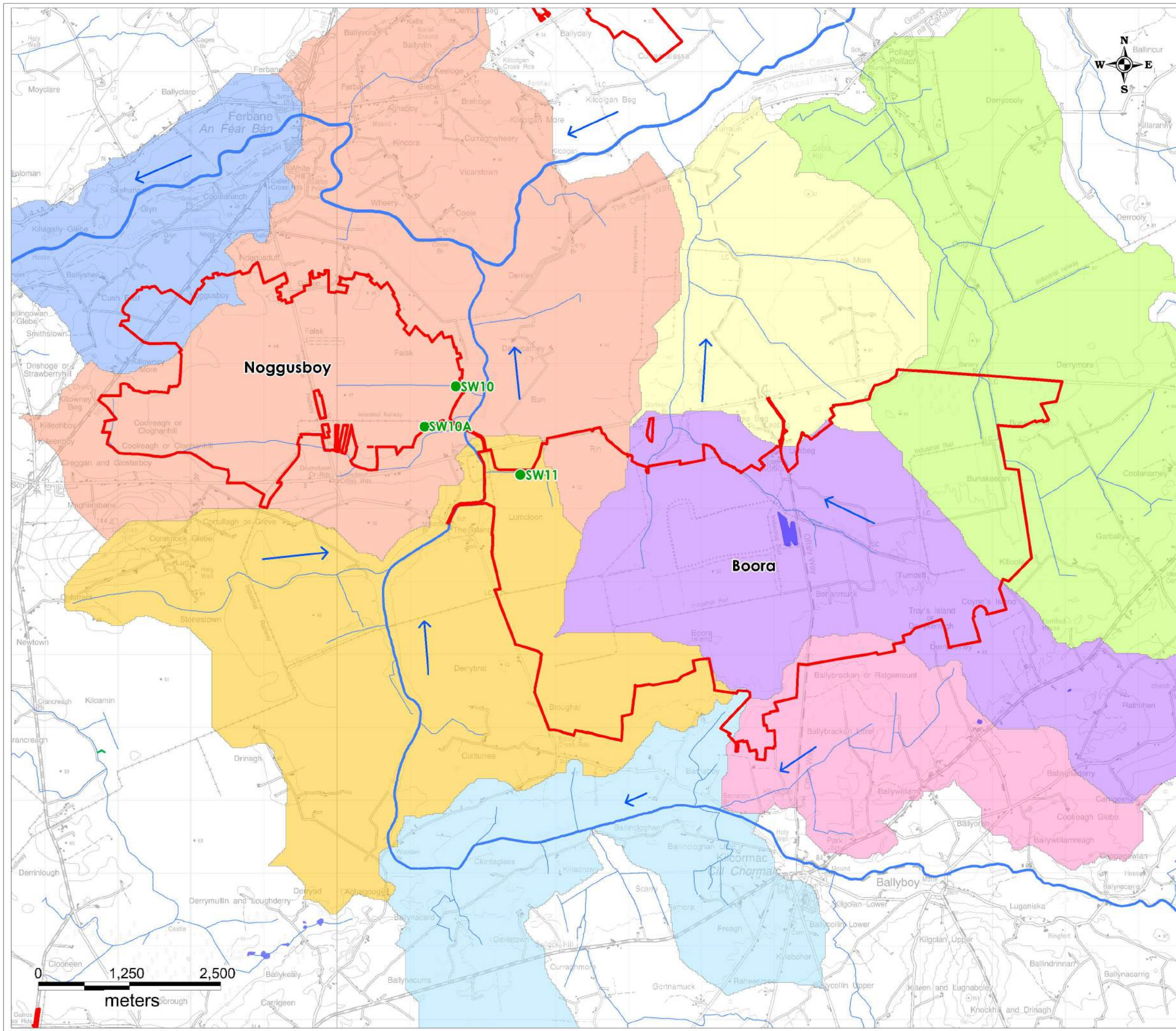
\*Note:  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 4 of 16	
Figure No: 14.7.4	
Drawing No: P1420-0-0520-A3-14.7.4-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



**Legend**

- Bog Unit Boundary
- Rivers/Streams
- Lakes
- SW Discharge Location
- Bog outfall drain/stream
- Flow Direction

**WFD Sub-catchments**

- BOORA\_010
- BOORA\_020
- BROSNA\_120
- BROSNA\_130
- Kilnagal\_010
- POLLAGH STREAM (BROSNA)\_010
- SILVER (KILCORMAC)\_040
- SILVER (KILCORMAC)\_050

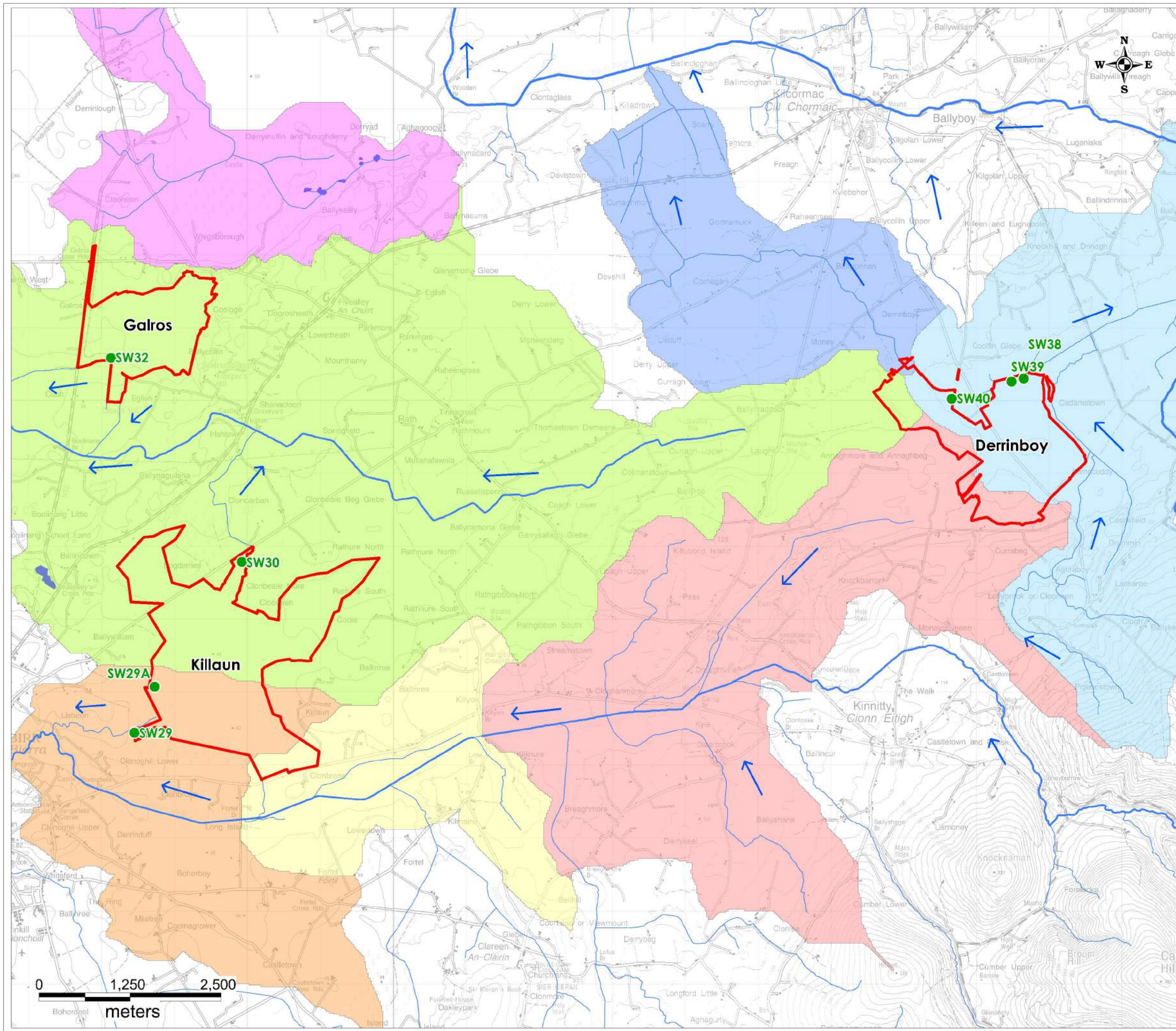
\*Note:  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 5 of 16	
Figure No: 14.7.5	
Drawing No: P1420-0-0520-A3-14.7.5-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



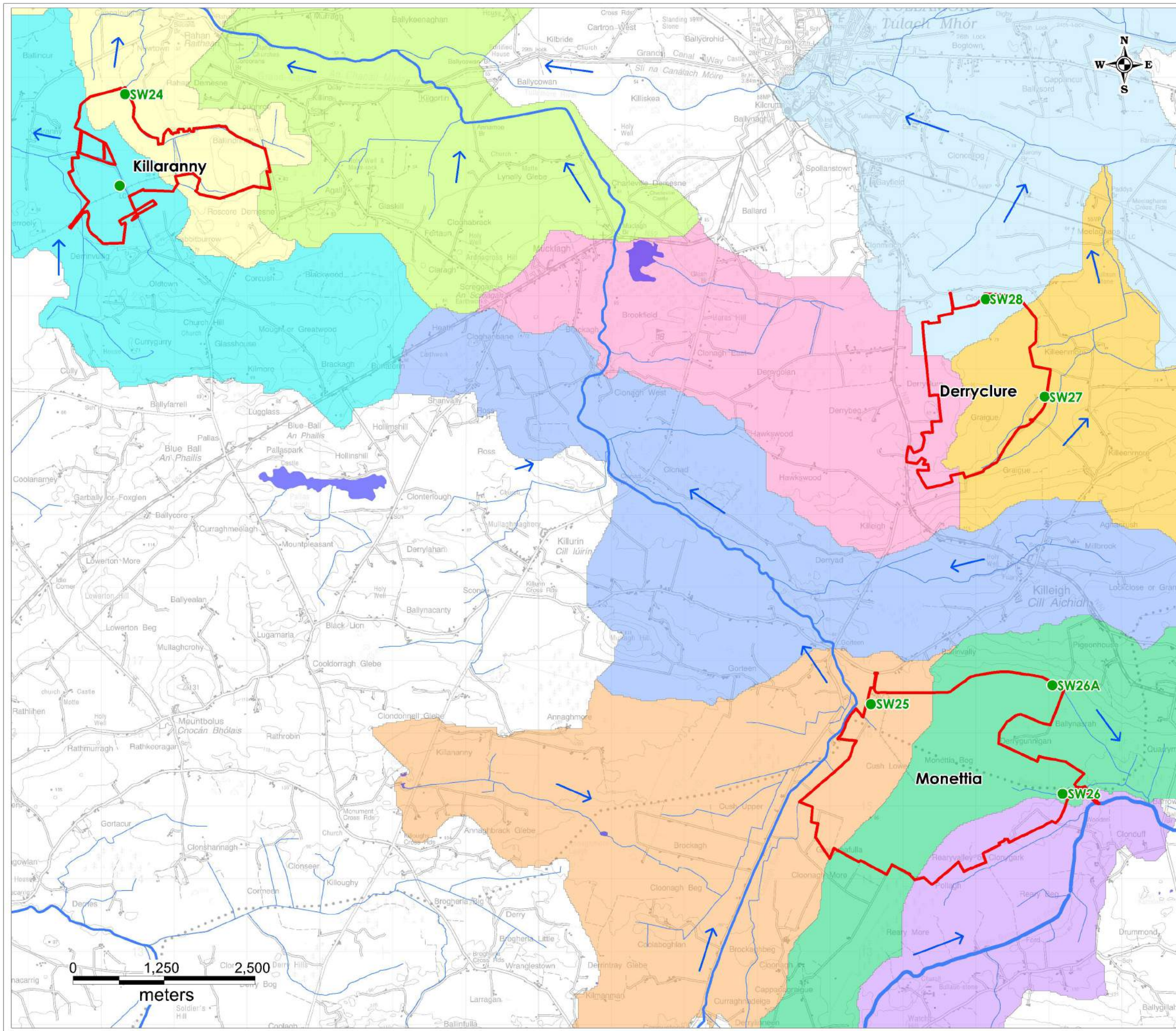
- Legend**
- Bog Unit Boundary
  - Rivers/Streams
  - Lakes
  - SW Discharge Location
  - Bog outfall drain/stream
  - ➔ Flow Direction

- WFD Sub-catchments**
- CAMCOR\_030
  - CAMCOR\_040
  - CAMCOR\_050
  - Kyleboher\_010
  - LITTLE (CLOGHAN)\_010
  - RAPEMILLS\_010
  - SILVER (KILCORMAC)\_020

**\*Note:**  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 6 of 16	
Figure No: 14.7.6	
Drawing No: P1420-0-0520-A3-14.7.6-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



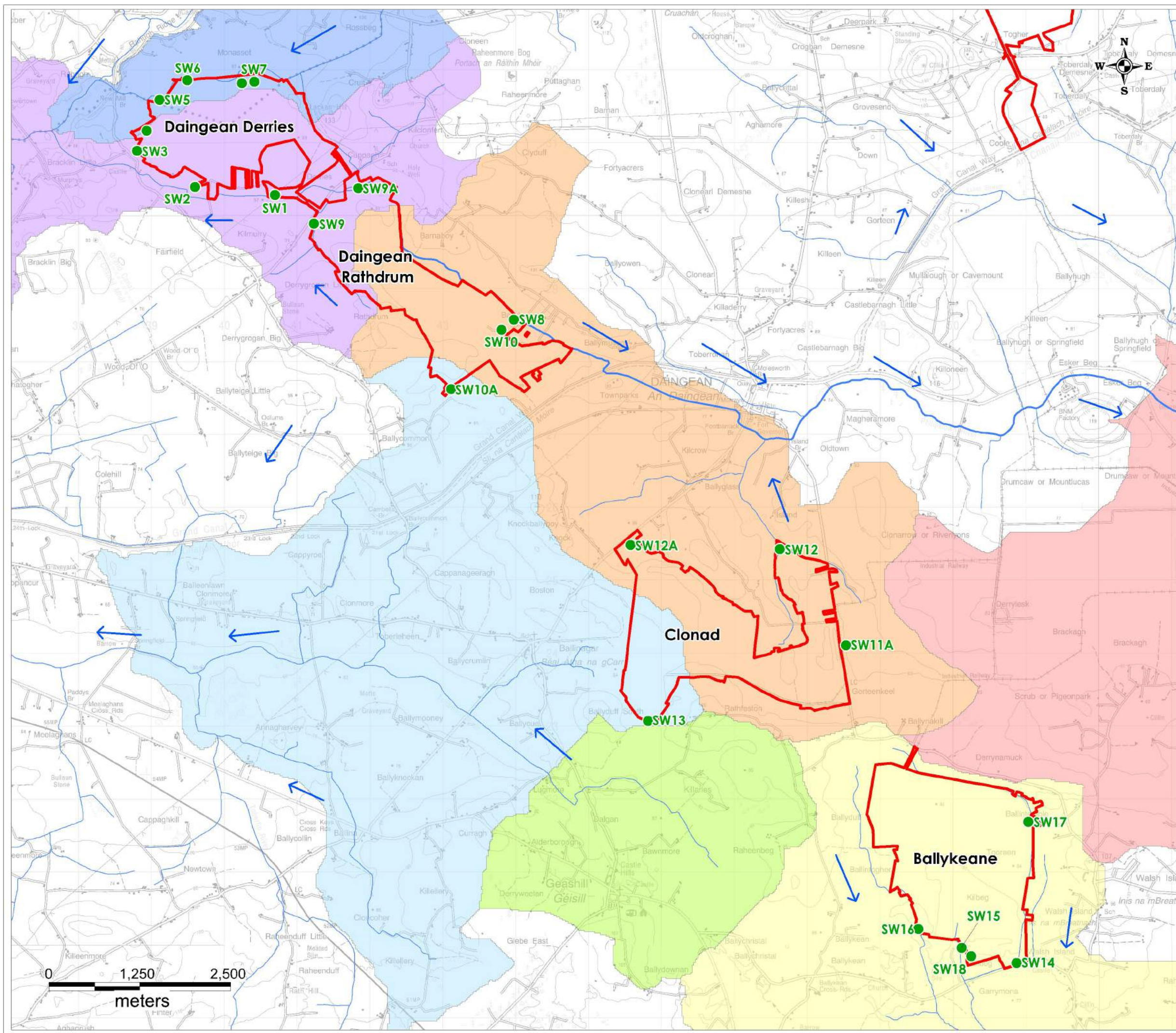
- Legend**
- Bog Unit Boundary
  - Rivers/Streams
  - Lakes
  - SW Discharge Location
  - Bog outfall drain/stream
  - ➔ Flow Direction

- WFD Sub-catchments**
- BARROW\_020
  - BROSNA\_100
  - CLODIAGH (TULLAMORE)\_020
  - CLODIAGH (TULLAMORE)\_030
  - CLODIAGH (TULLAMORE)\_040
  - CLODIAGH (TULLAMORE)\_050
  - DERRYCOOLY STREAM\_010
  - KILLEENMORE\_010
  - PIGEONHOUSE\_010
  - TULLAMORE\_030

\*Note:  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 7 of 16	
Figure No: 14.7.7	
Drawing No: P1420-0-0520-A3-14.7.7-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Bog Unit Boundary
- Rivers/Streams
- SW Discharge Location
- Bog outfall drain/stream
- ➔ Flow Direction

- WFD Sub-catchments
- DAINGEAN\_010
  - ENAGHAN STREAM\_010
  - FIGILE\_040
  - SILVER (TULLAMORE)\_010
  - SILVER (TULLAMORE)\_020
  - TULLAMORE\_010
  - TULLAMORE\_020

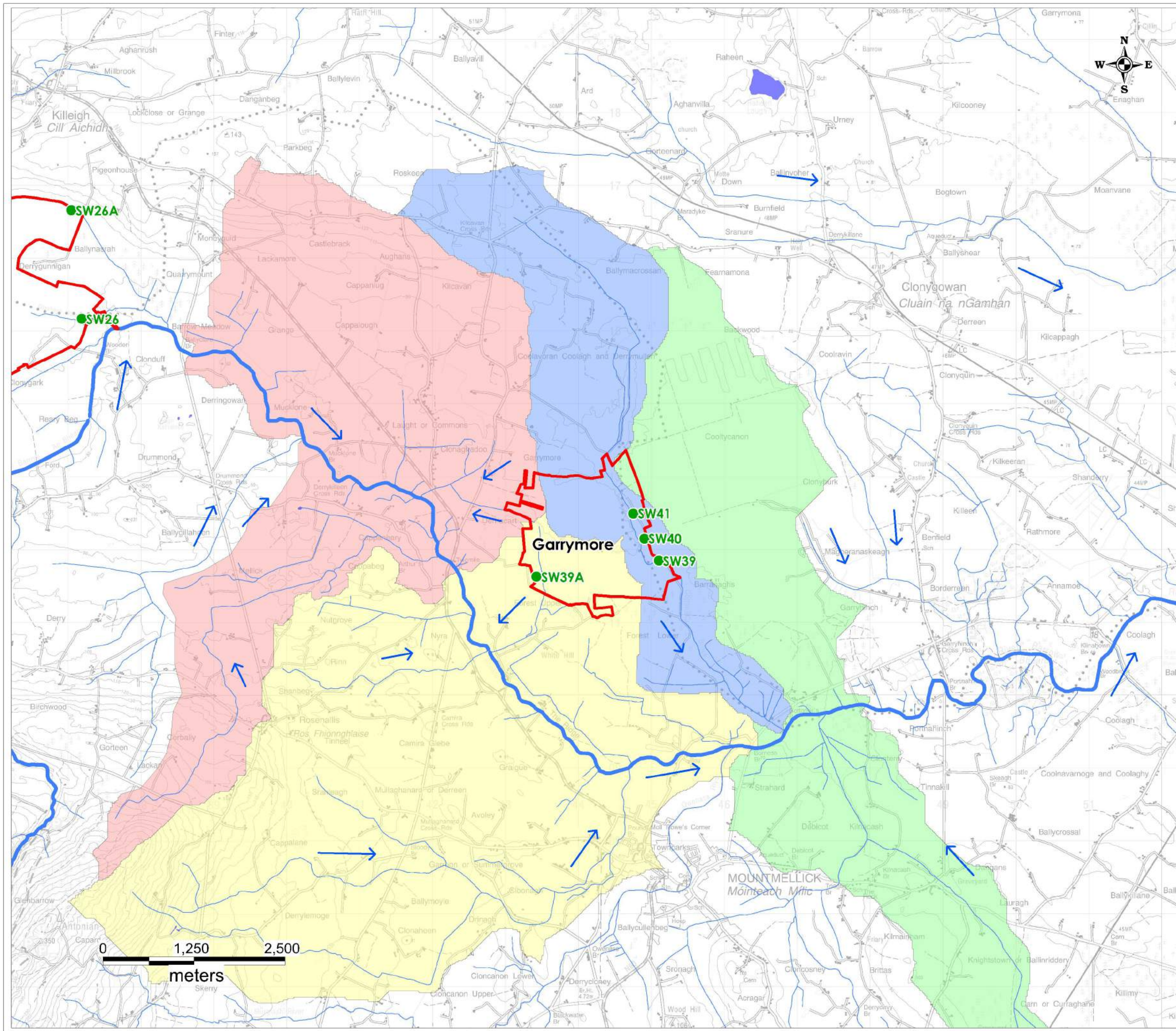
\*Note:  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 8 of 16	
Figure No: 14.7.8	
Drawing No: P1420-0-0520-A3-14.7.8-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



**Legend**

- Bog Unit Boundary
- Rivers/Streams
- Lakes
- SW Discharge Location
- Bog outfall drain/stream
- ➔ Flow Direction

**WFD Sub-catchments**

- BARROW\_030
- BARROW\_040
- BARROW\_050
- COTTONERS BROOK\_010

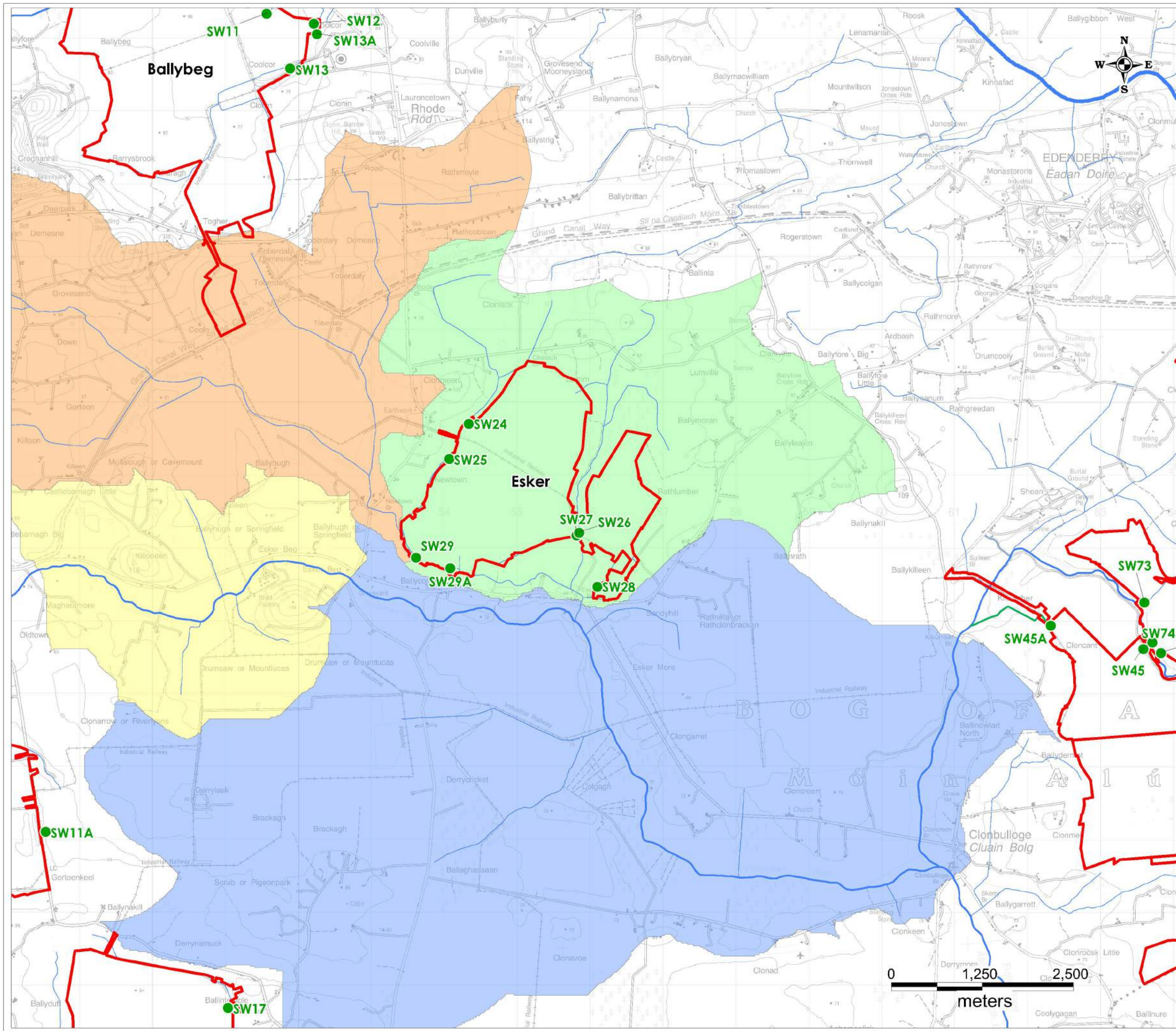
\*Note:  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 9 of 16	
Figure No: 14.7.9	
Drawing No: P1420-0-0520-A3-14.7.9-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



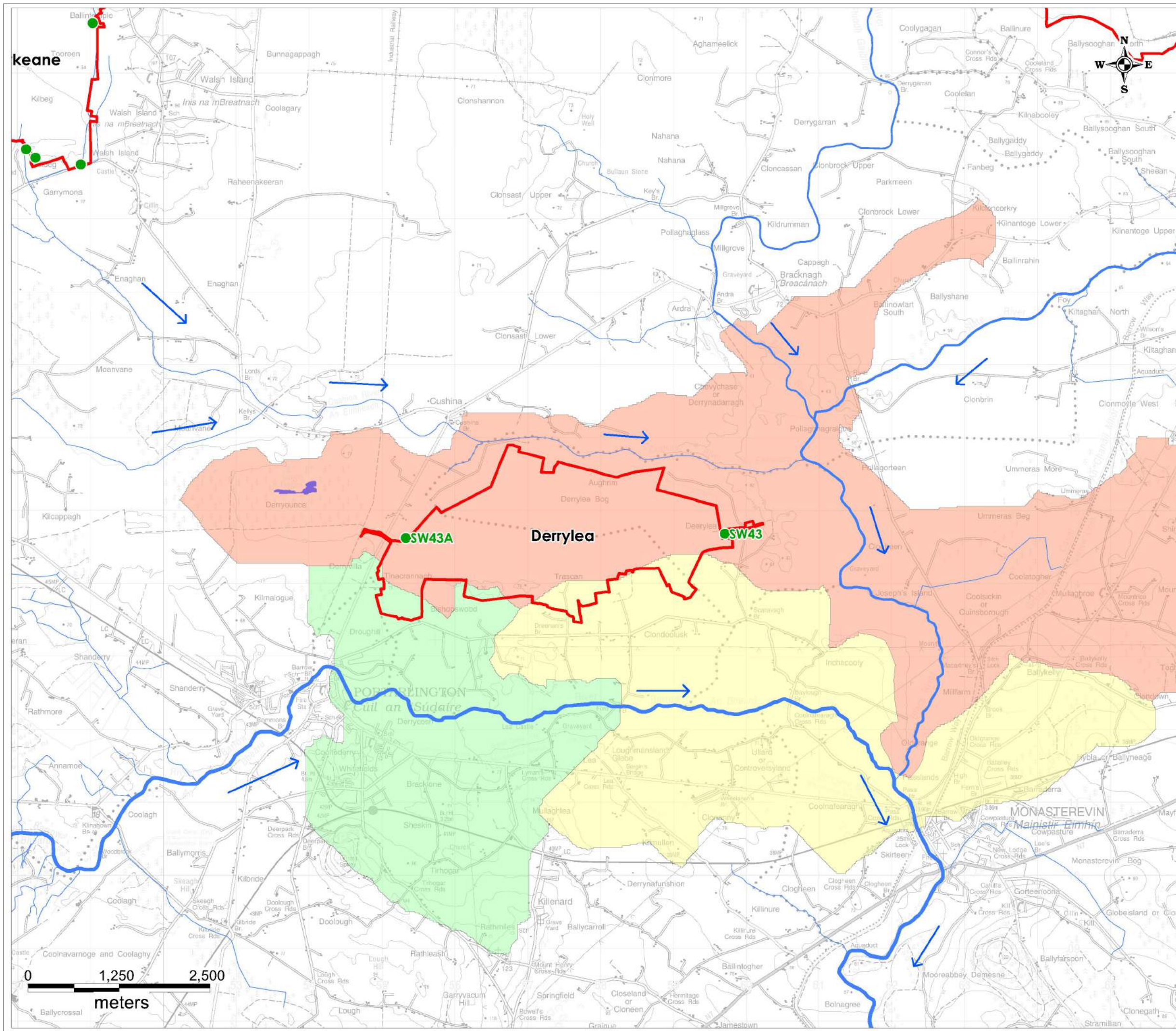
- Legend**
- Bog Unit Boundary
  - Rivers/Streams
  - SW Discharge Location
  - Bog outfall drain/stream
  - ➔ Flow Direction

- WFD Sub-catchments**
- DAINGEAN\_030
  - ESKER STREAM\_010
  - ESKER STREAM\_020
  - FIGILE\_040

\*Note:  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 10 of 16	
Figure No: 14.7.10	
Drawing No: P1420-0-0520-A3-14.7.10-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
- Bog Unit Boundary
  - Rivers/Streams
  - Lakes
  - SW Discharge Location
  - Bog outfall drain/stream
  - ➔ Flow Direction

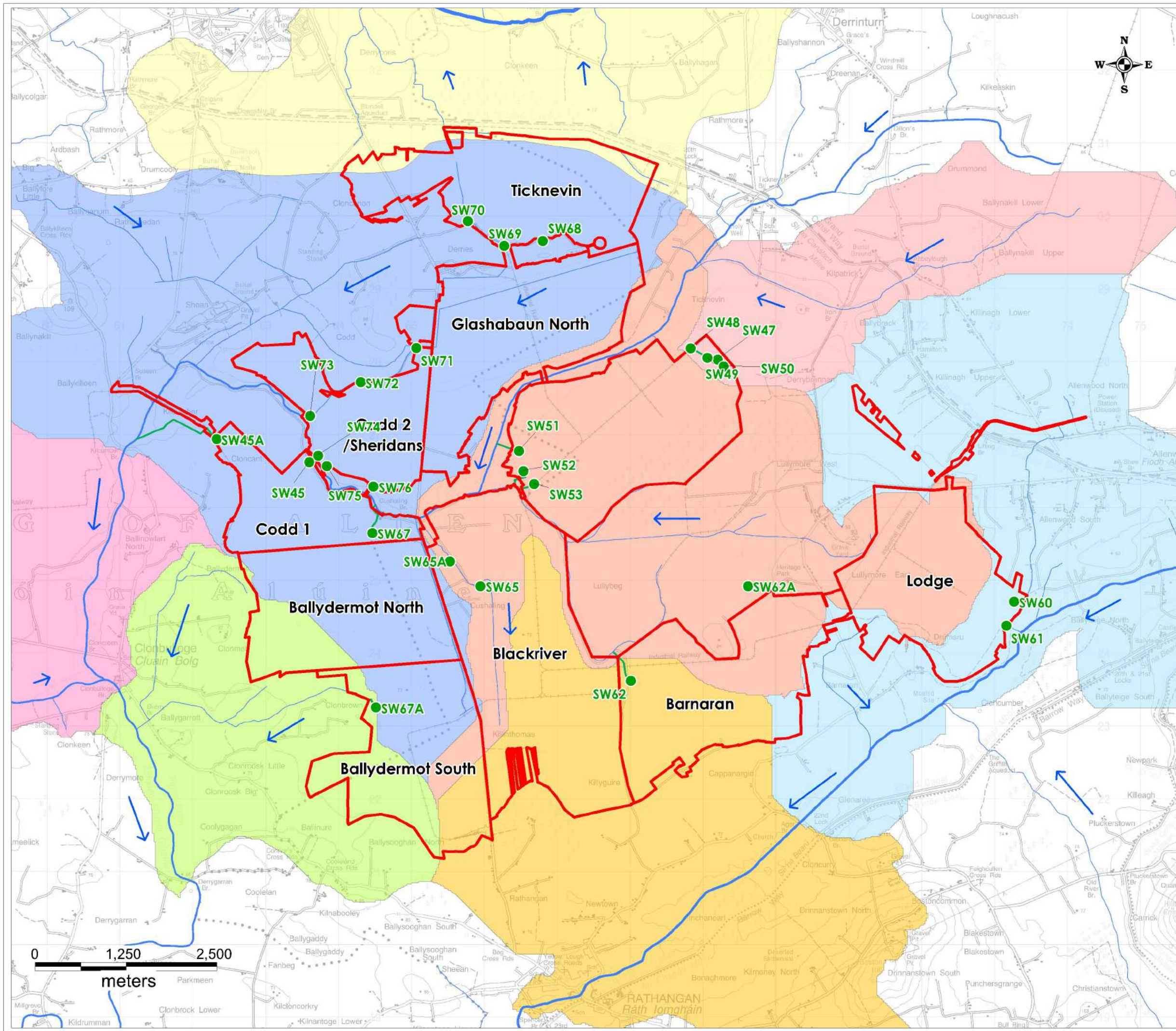
- WFD Sub-catchments**
- BARROW\_080
  - BARROW\_090
  - FIGILE\_080

\*Note:  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 11 of 16	
Figure No: 14.7.11	
Drawing No: P1420-0-0520-A3-14.7.11-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG





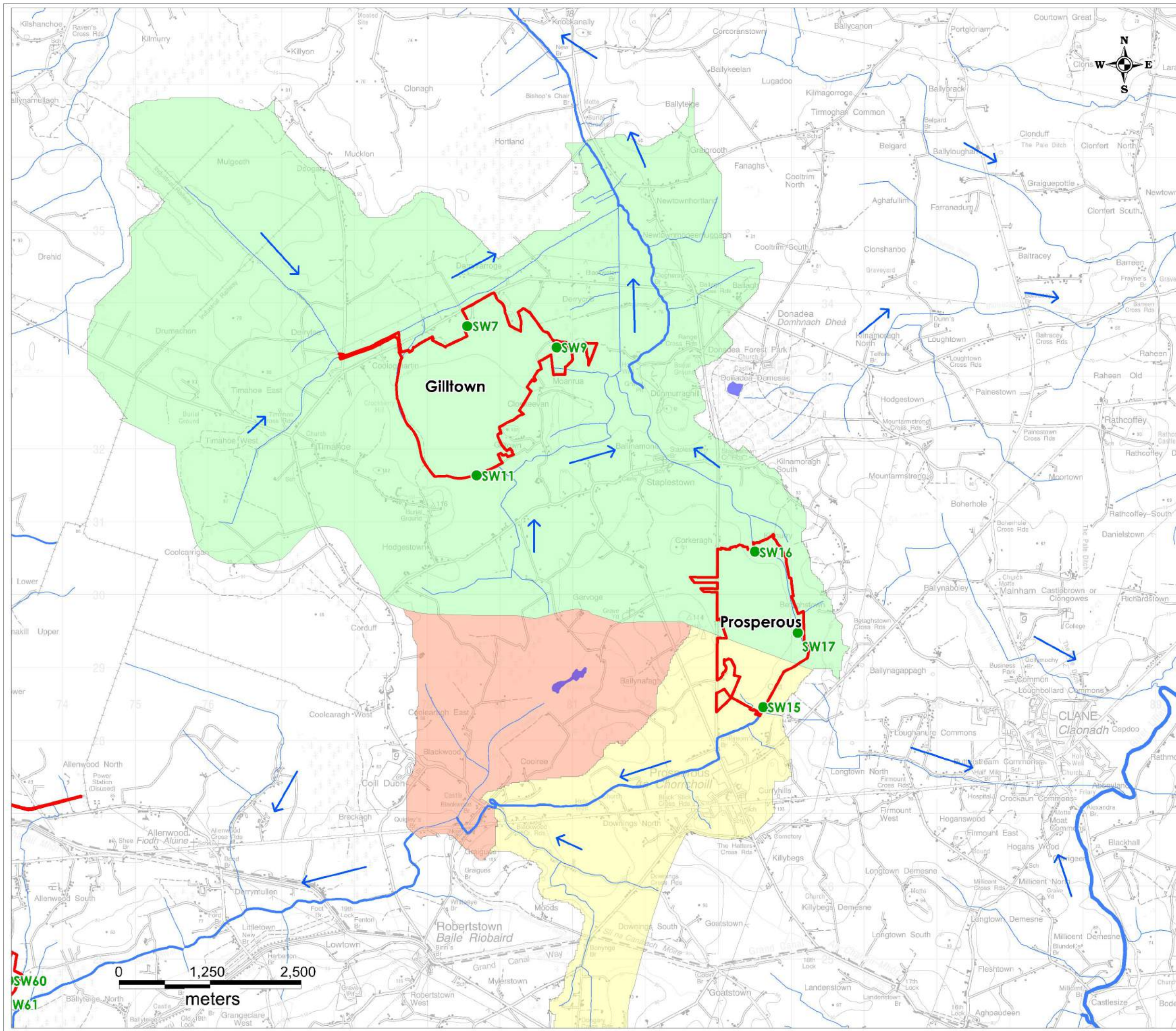
- Legend**
- Bog Unit Boundary
  - Rivers/Streams
  - SW Discharge Location
  - Bog outfall drain/stream
  - ➔ Flow Direction

- WFD Sub-catchments**
- Abbeylough\_010
  - BOYNE\_010
  - FIGILE\_020
  - FIGILE\_030
  - FIGILE\_040
  - FIGILE\_050
  - SLATE\_050
  - SLATE\_060

\*Note:  
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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 12 of 16	
Figure No: 14.7.12	
Drawing No: P1420-0-0520-A3-14.7.12-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



**Legend**

- Bog Unit Boundary
- Rivers/Streams
- Lakes
- SW Discharge Location
- Bog outfall drain/stream
- Flow Direction

**WFD Sub-catchments**

- BLACKWATER (LONGWOOD)\_010
- SLATE\_010
- SLATE\_020

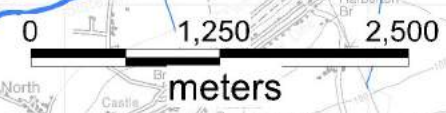
**\*Note:**  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

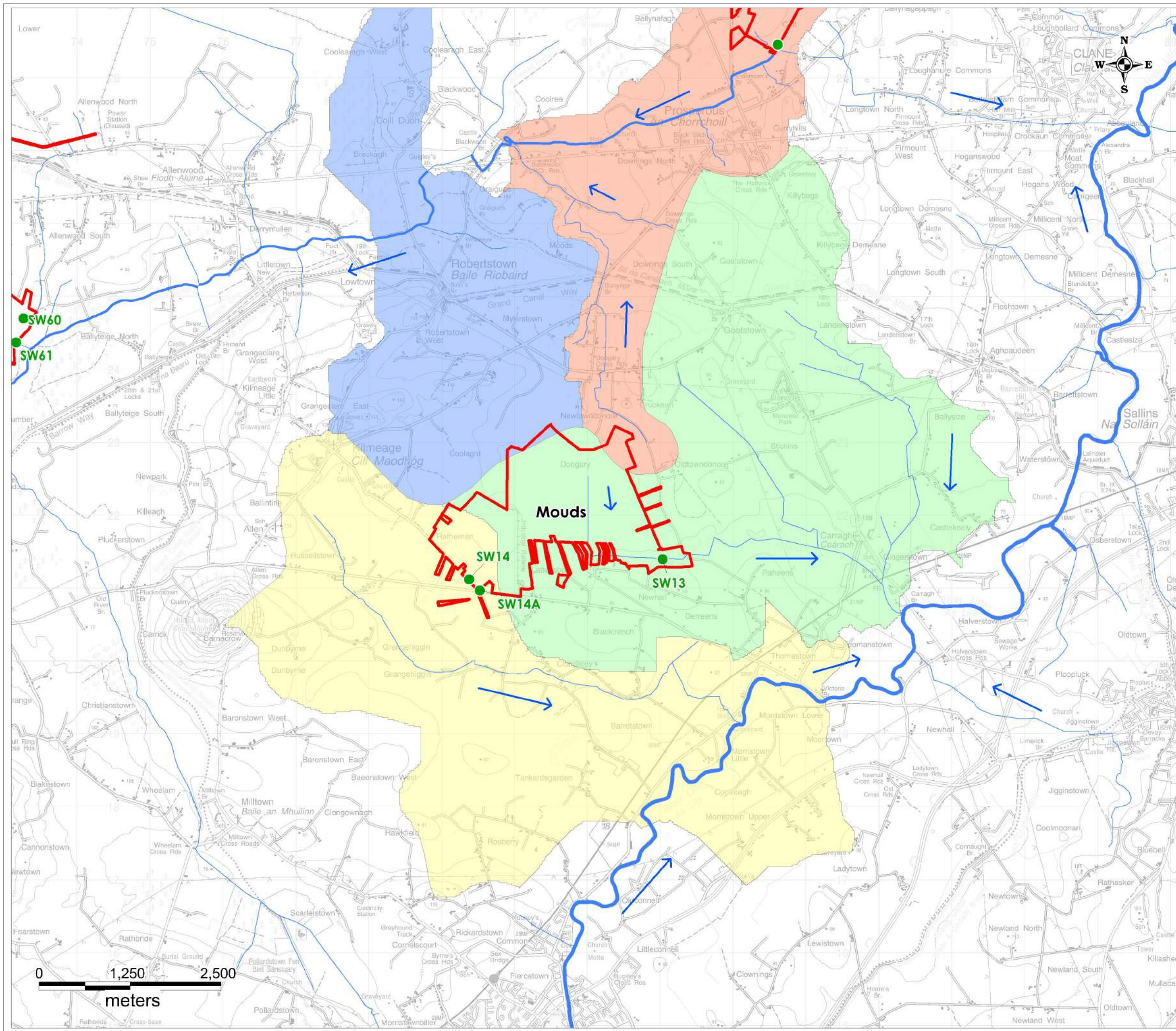
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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 13 of 16	
Figure No: 14.7.13	
Drawing No: P1420-0-0520-A3-14.7.13-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG





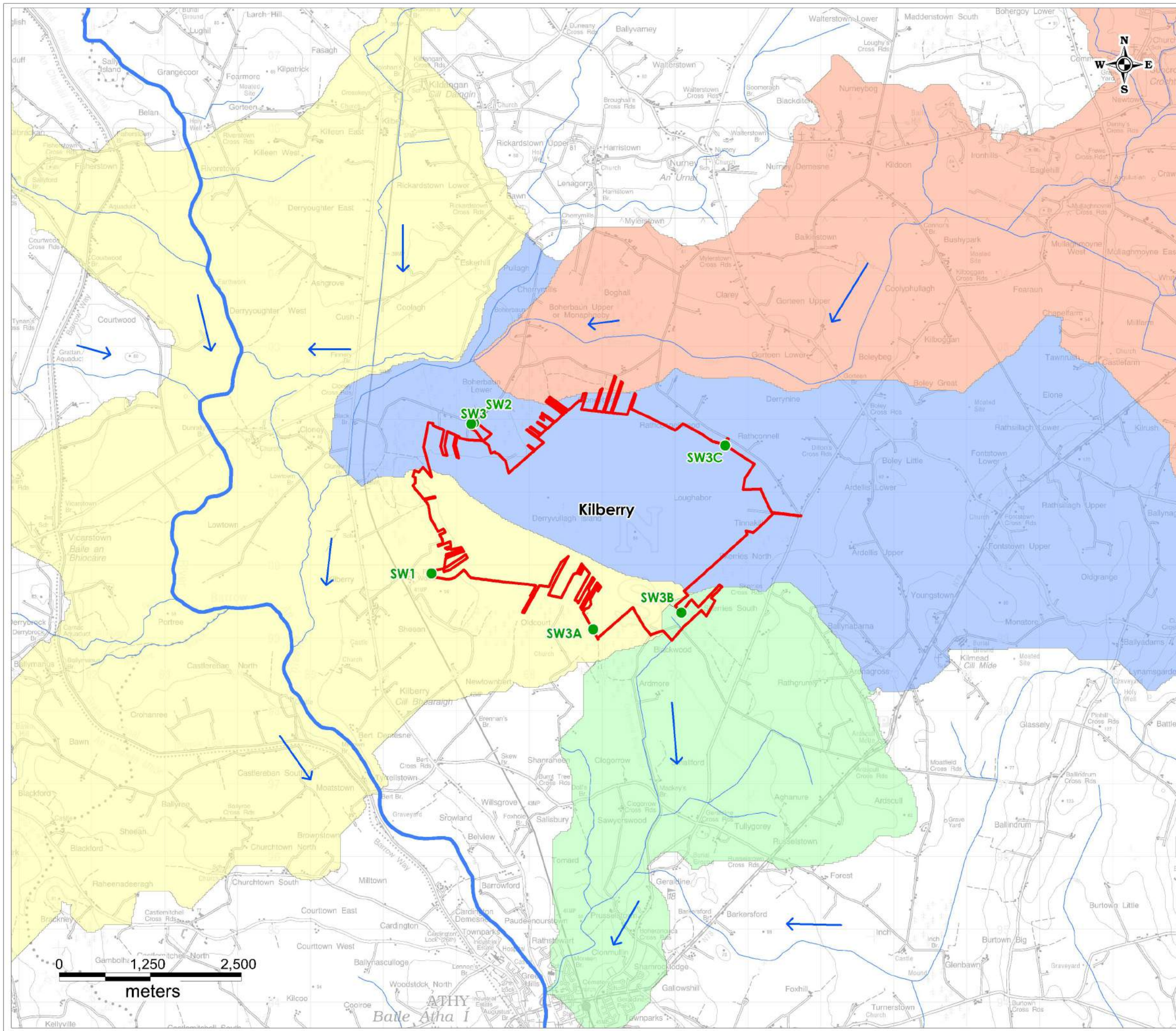
- Legend**
- Bog Unit Boundary
  - Rivers/Streams
  - SW Discharge Location
  - Bog outfall drain/stream
  - ➔ Flow Direction

- WFD Sub-catchments**
- AWILLYINISH STREAM\_010
  - LIFFEY\_090
  - SLATE\_010
  - SLATE\_030

\*Note:  
White areas are other WFD Sub-catchments that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 14 of 16	
Figure No: 14.7.14	
Drawing No: P1420-0-0520-A3-14.7.14-0A	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



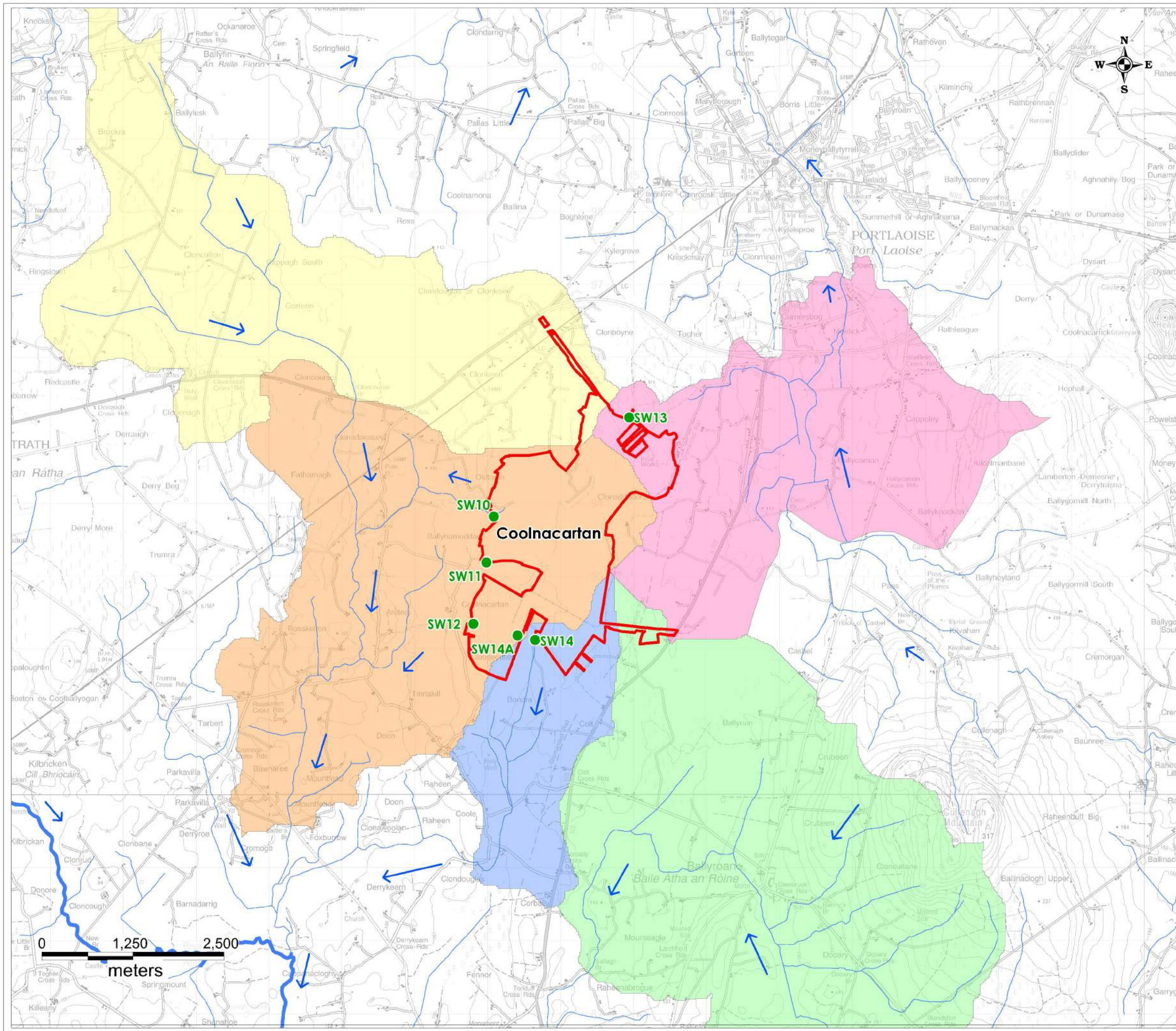
- Legend**
- Bog Unit Boundary
  - Rivers/Streams
  - SW Discharge Location
  - Bog outfall drain/stream
  - ➔ Flow Direction

- WFD Sub-catchments**
- ATHY STREAM\_030
  - BARROW\_120
  - KILDOON\_010
  - TULLY STREAM\_040

\*Note:  
White areas are other WFD Sub-catchments  
that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 15 of 16	
Figure No: 14.7.15	
Drawing No: P1420-0-0520-A3-14.7.15-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



**Legend**

- Bog Unit Boundary
- Rivers/Streams
- SW Discharge Location
- Bog outfall drain/stream
- ➔ Flow Direction

**WFD Sub-catchments**

- BALLYROAN\_010
- CAPPANACLOGHY\_010
- CAPPANACLOGHY\_020
- CLONAWOOLAN STREAM\_010
- TRIOGUE\_010

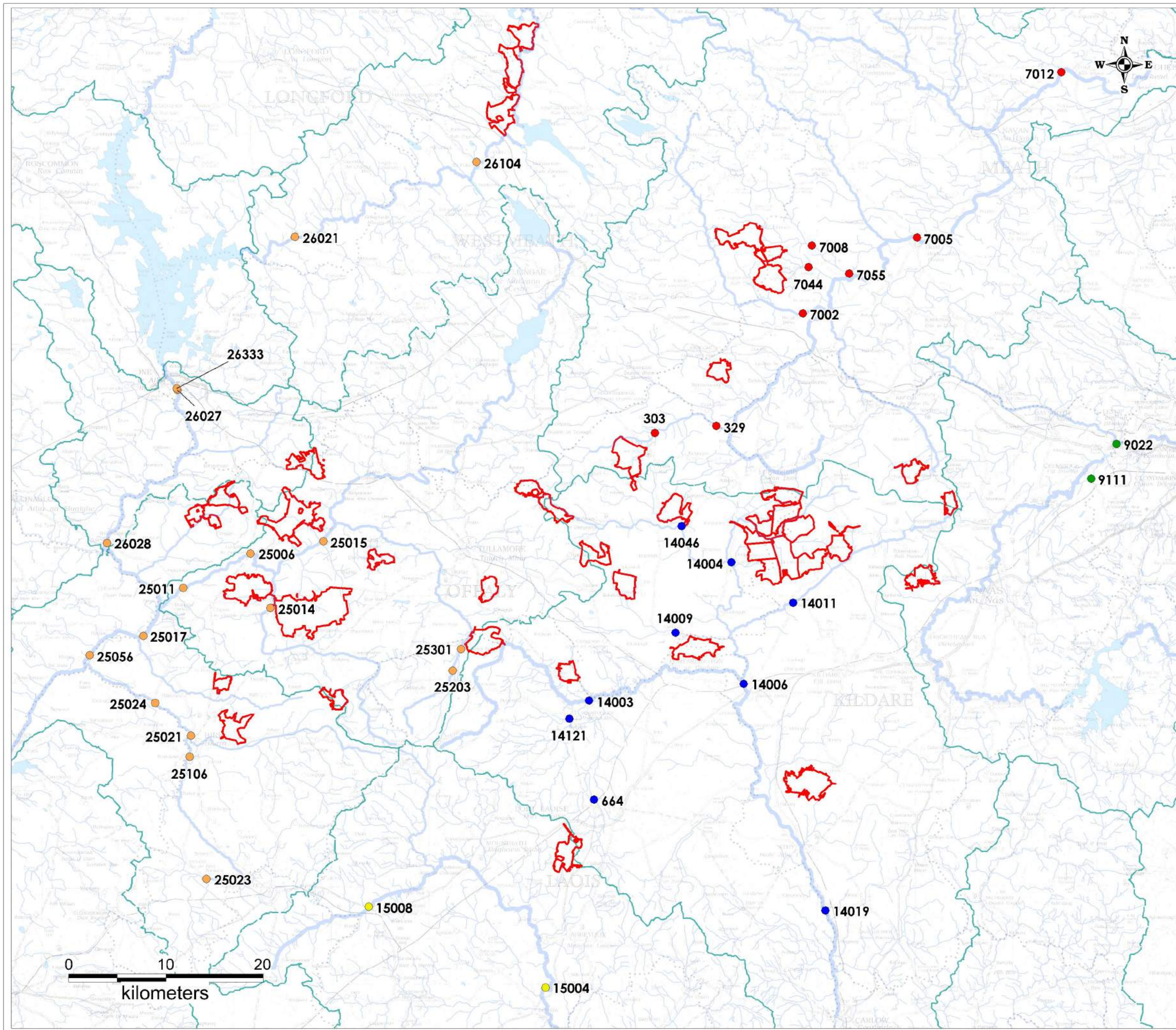
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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Hydrology Map Sheet 16 of 16	
Figure No: 14.7.16	
Drawing No: P1420-0-0520-A3-14.7.16-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



**Legend**

- Bog Unit Boundary
- Stations (Barrow Catchment)
- Gauge Stations (Boyne Catchment)
- Gauge Stations (Liffey Catchment)
- Gauge Stations (Nore Catchment)
- Gauge Stations (Shannon Catchment)
- WFD Catchment Borders
- Rivers
- Lakes

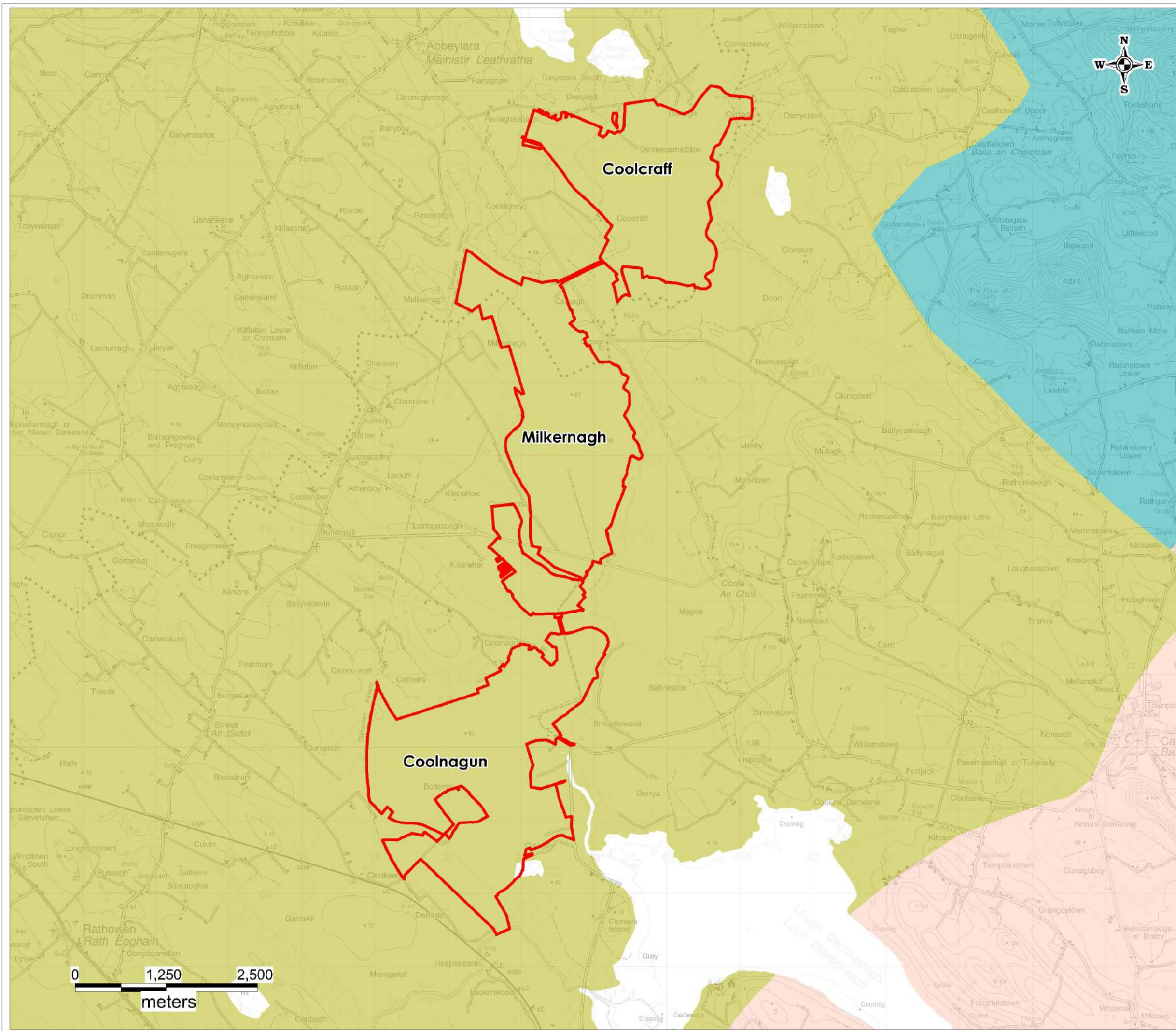
Station number	Station name
26027	Athlone
26333	Athlone Weir U/S
26104	Ballinalack
26021	Ballymahon
25017	Banagher
14003	Borness
25301	Bracknagh Br
14009	Cushina
25006	Ferbane
9111	Hazelhatch
7002	Killyon
14019	Levitstown
14121	Manor Road
15004	McMahons Bridge
25056	Meelick Weir
25011	Moystown
25024	New Bridge (Little Brosra)
25015	Pollagh
14011	Rathangan
26028	Shannonbridge
7005	Trim
7012	Slane Castle
25203	Curraghadeige
25021	Croghan
7044	Ballivor
14006	Pass Br
14046	Esker
14004	Clonbulloge
9022	Leixlip Power Station
25106	Ballindara
25023	Milltown
15008	Borris In Ossory
25014	Millbrook
7008	Earls Br.
7055	Stonyford Br.
664	Portlaoise
329	Clongall Br.
303	Garr

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Gauging Station Locations Map	
Figure No: 14.8	
Drawing No: P1420-0-0520-A3-14.8-00A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:400,000	Drawn By: GD
Date: 22/05/2020	Checked By: MG



**Legend**

-  Bog Unit Boundary
-  Locally Important Aquifer - Karstified
-  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
-  Regionally Important Aquifer - Karstified (diffuse)

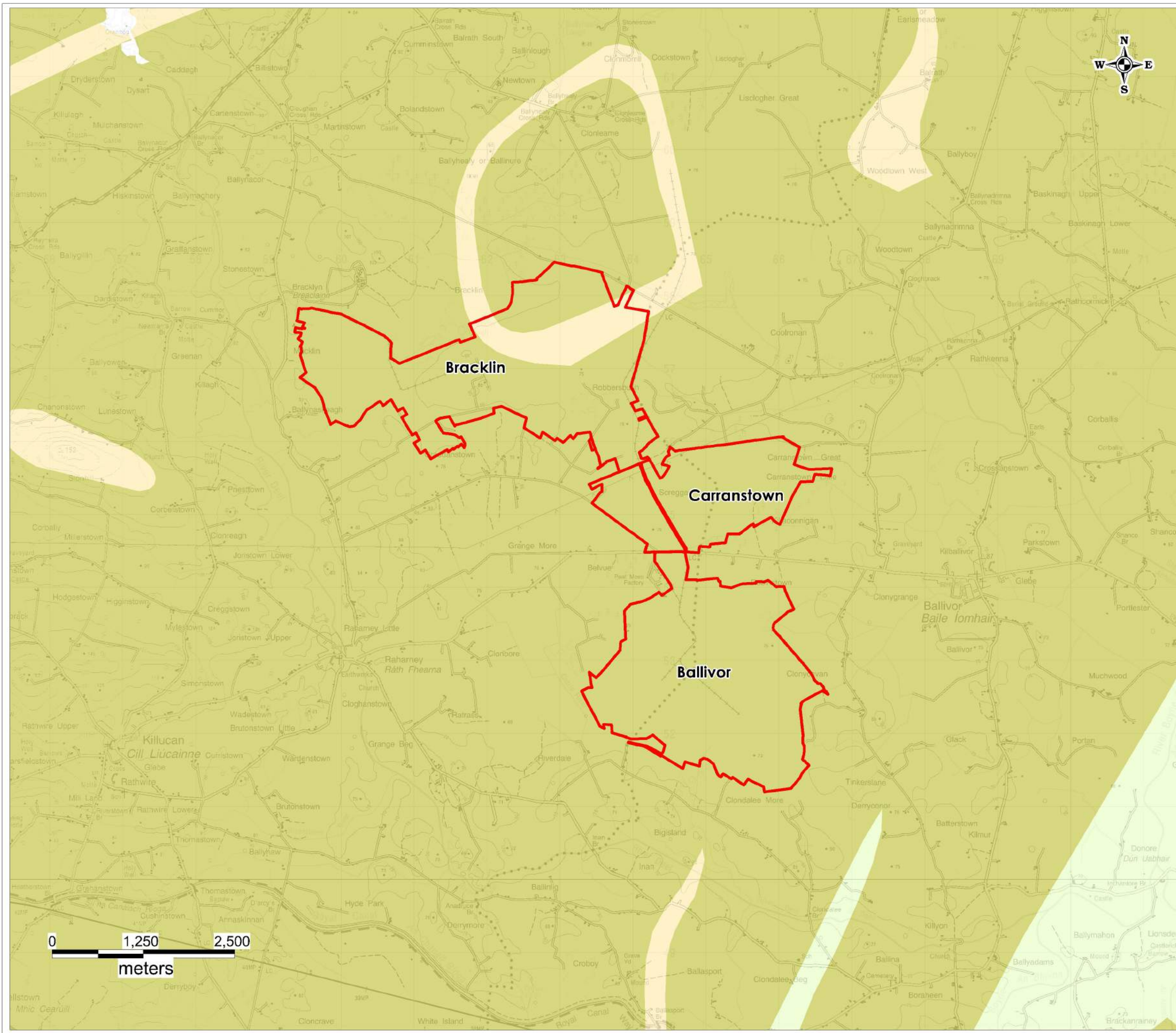


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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 1 of 16	
Figure No: 14.14.1	
Drawing No: P1420-0-0520-A3-14.14.1-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



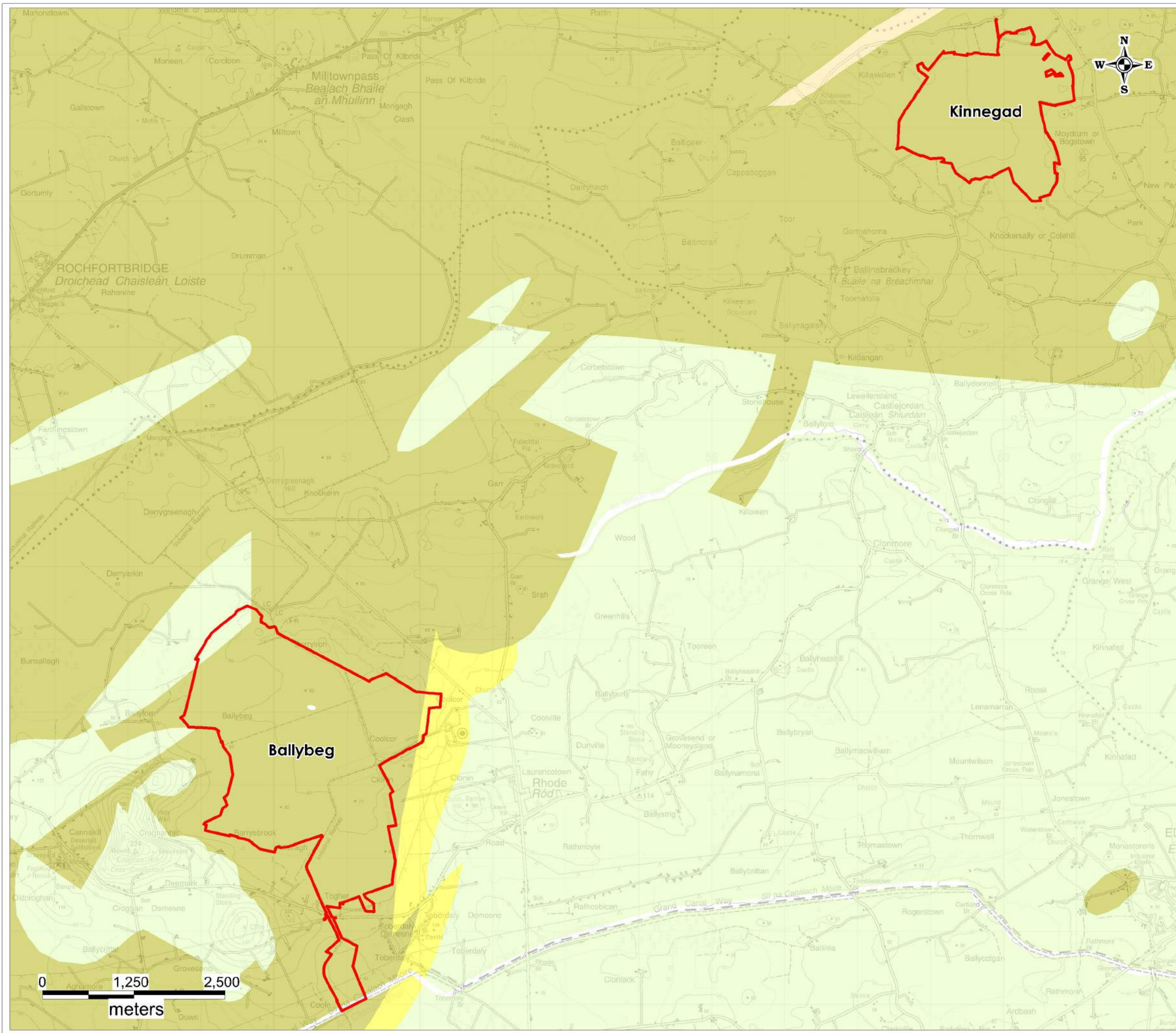
**Legend**

- Bog Unit Boundary
- Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 2 of 16	
Figure No: 14.14.2	
Drawing No: P1420-0-0520-A3-14.14.2-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:30,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



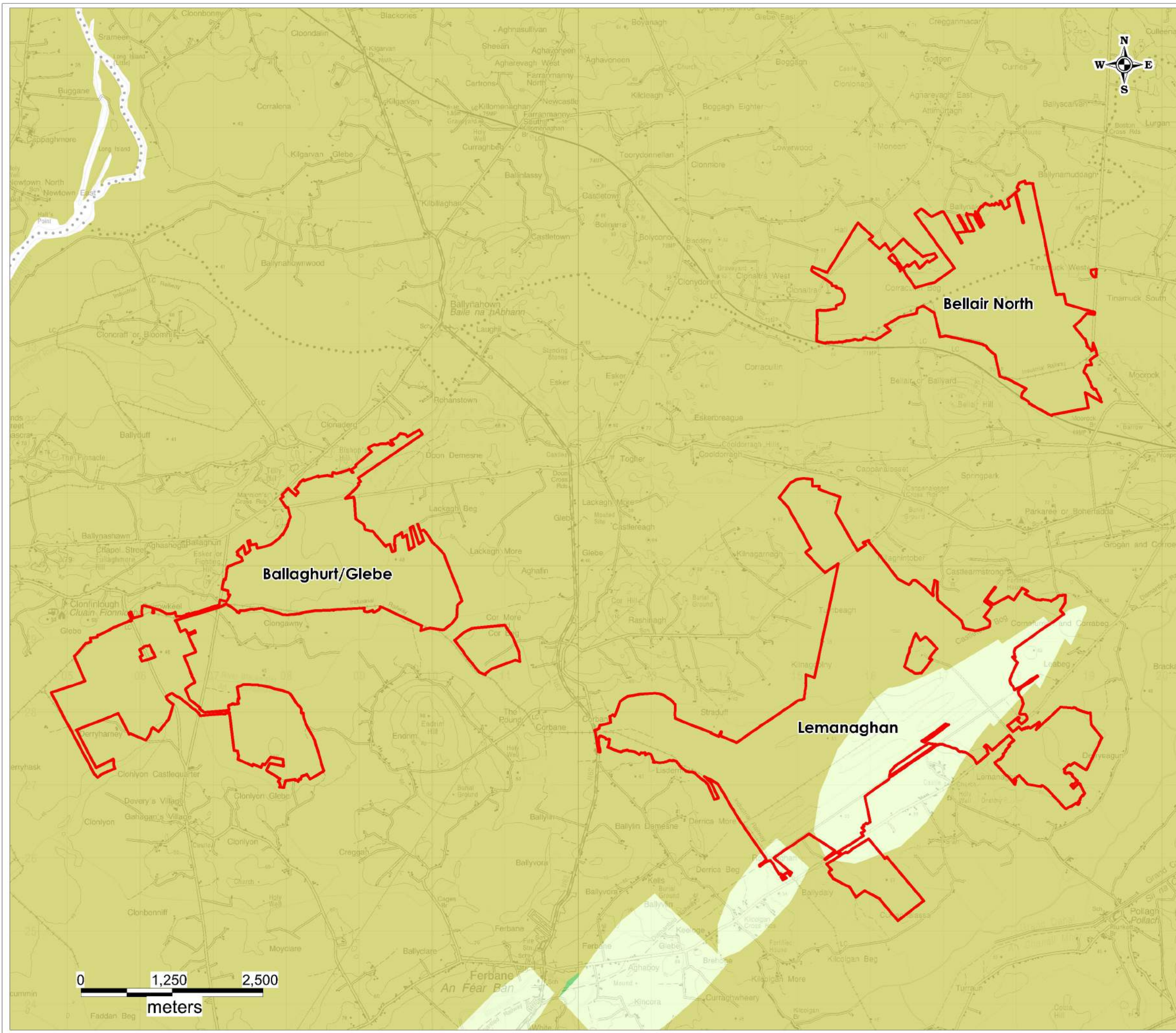


**Legend**

- Bog Unit Boundary
- Locally Important Aquifer - Karstified
- Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 3 of 16	
Figure No: 14.14.3	
Drawing No: P1420-0-0520-A3-14.14.3-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



**Legend**

-  Bog Unit Boundary
-  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
-  Locally Important Aquifer - Bedrock which is Generally Moderately Productive

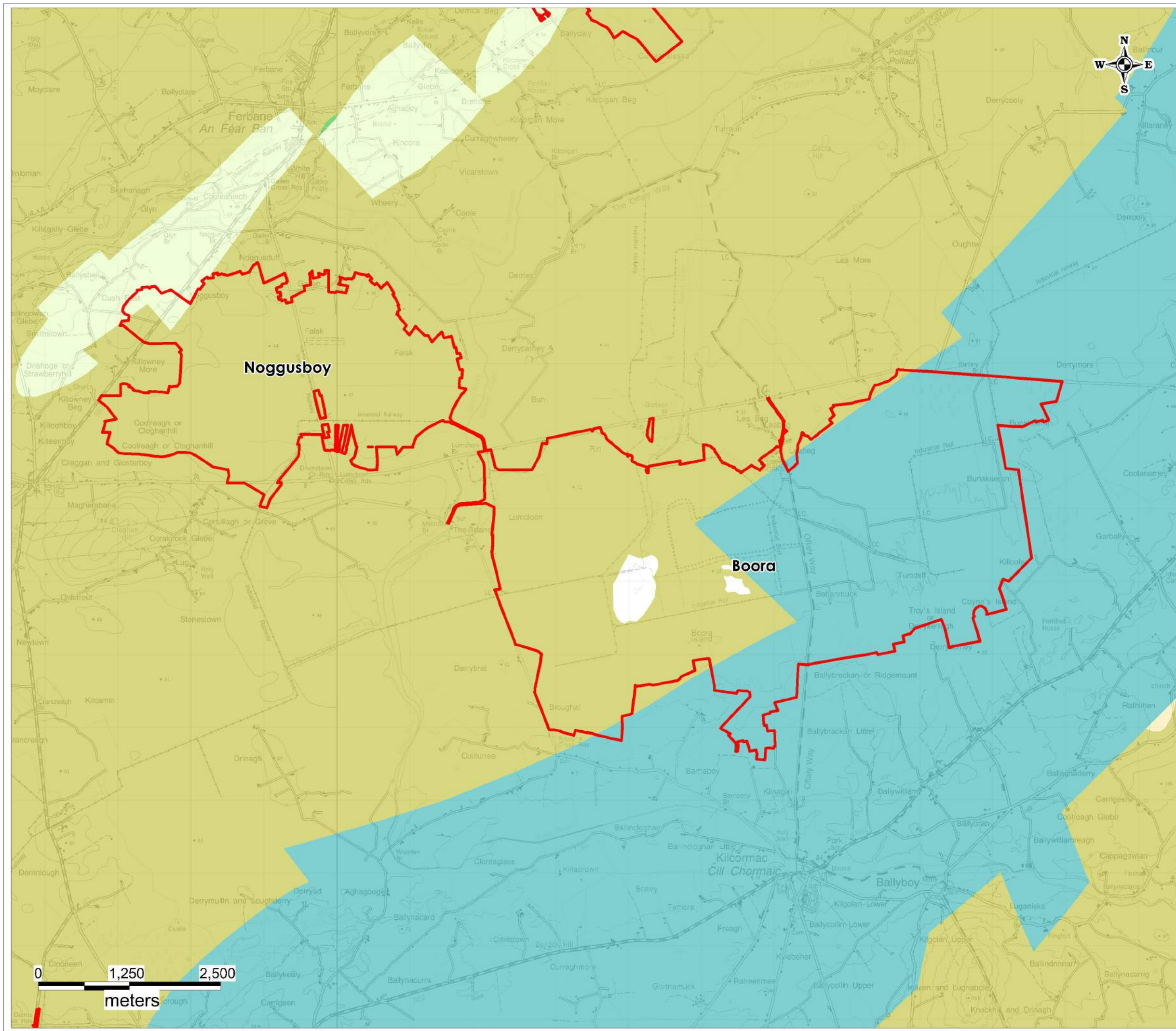


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email: [info@hydroenvironmental.ie](mailto:info@hydroenvironmental.ie)  
web: [www.hydroenvironmental.ie](http://www.hydroenvironmental.ie)

Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 4 of 16	
Figure No: 14.14.4	
Drawing No: P1420-0-0520-A3-14.14.4-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

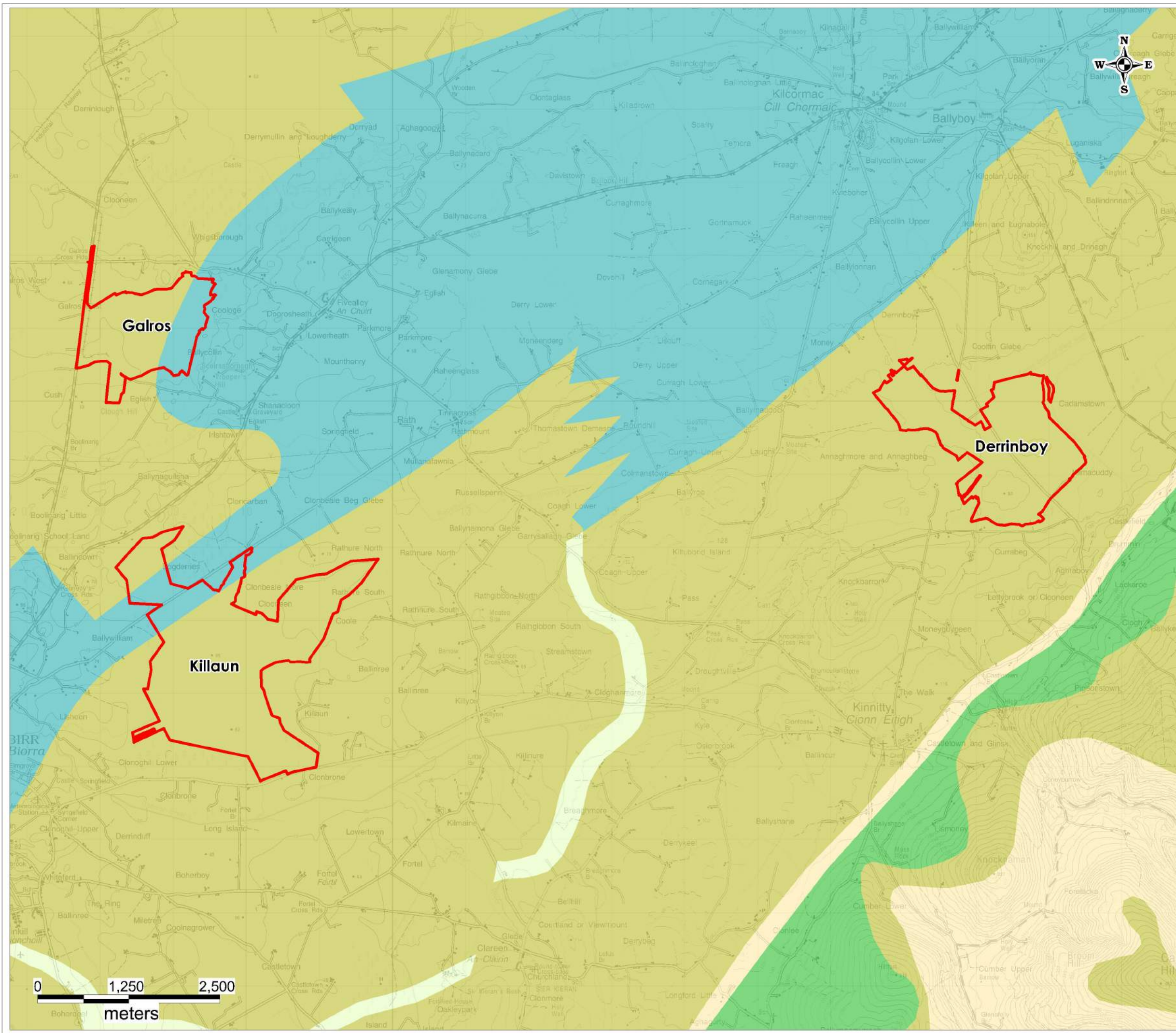


**Legend**

- Bog Unit Boundary
- Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Regionally Important Aquifer - Karstified (diffuse)

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 5 of 16	
Figure No: 14.14.5	
Drawing No: P1420-0-0520-A3-14.14.5-0A	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

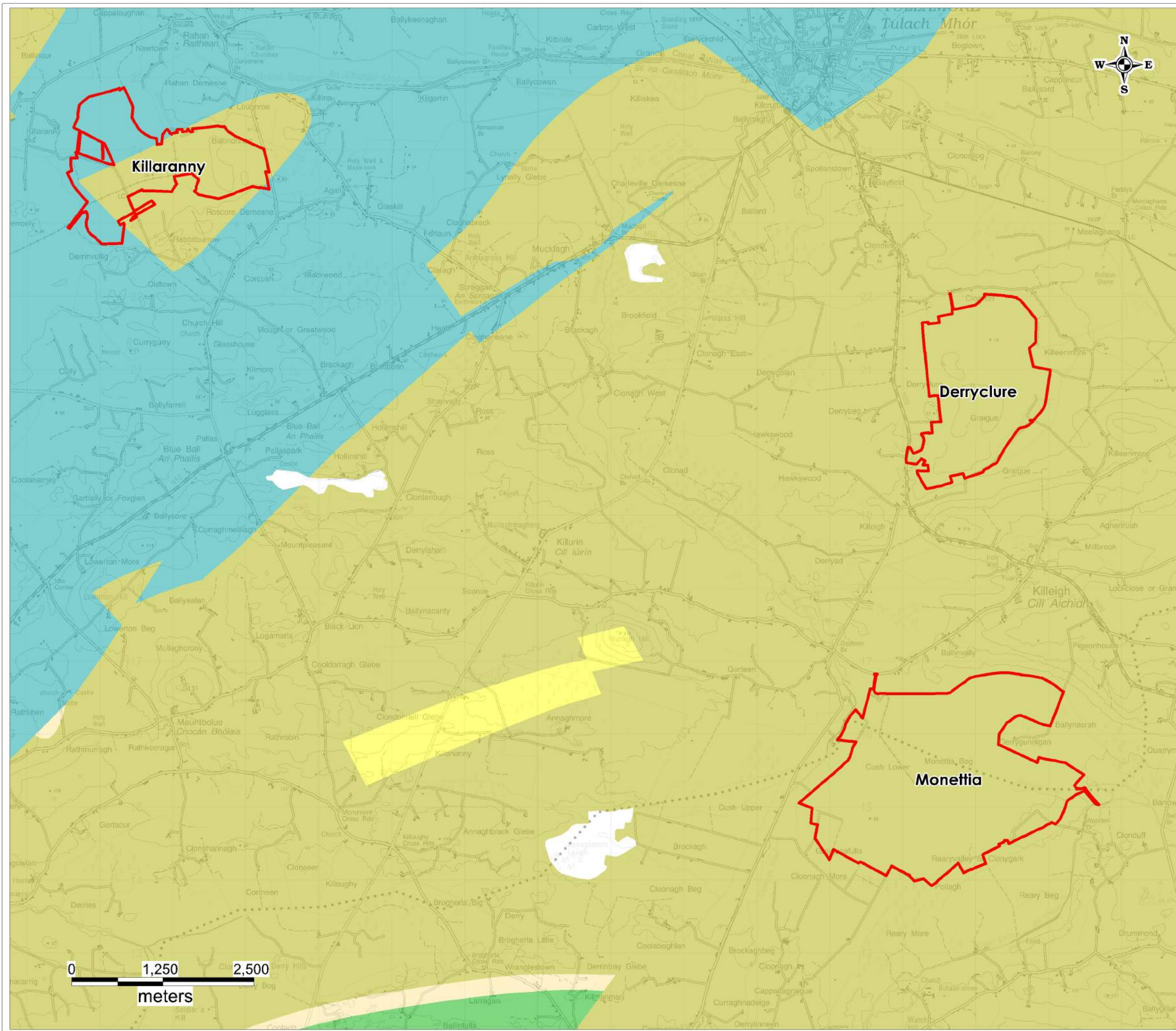


**Legend**

- Bog Unit Boundary
- Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones
- Regionally Important Aquifer - Fissured bedrock
- Regionally Important Aquifer - Karstified (diffuse)

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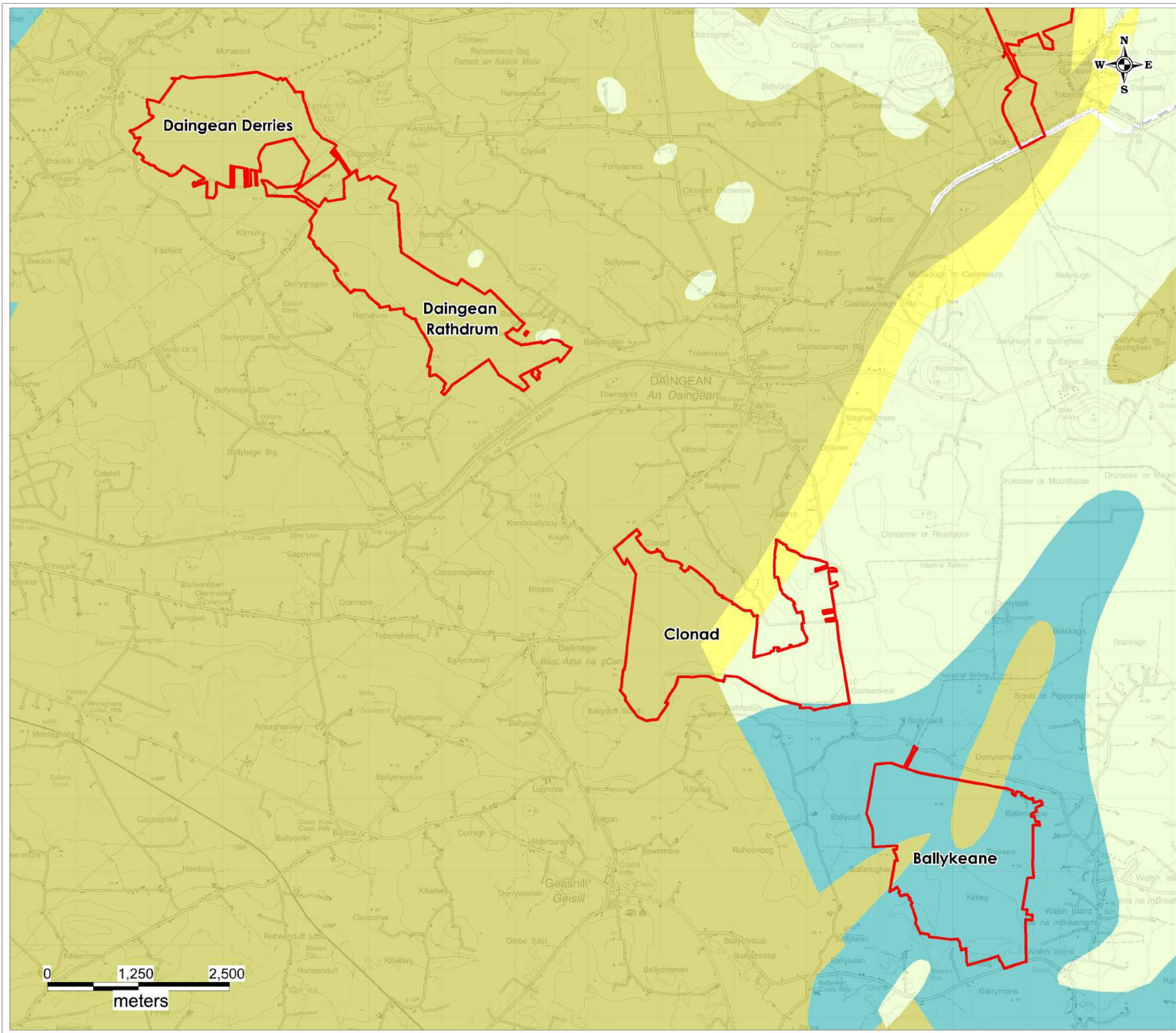
Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 6 of 16	
Figure No: 14.14.6	
Drawing No: P1420-0-0520-A3-14.14.6-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
- Bog Unit Boundary
  - Locally Important Aquifer - Karstified
  - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
  - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones
  - Regionally Important Aquifer - Fissured bedrock
  - Regionally Important Aquifer - Karstified (diffuse)

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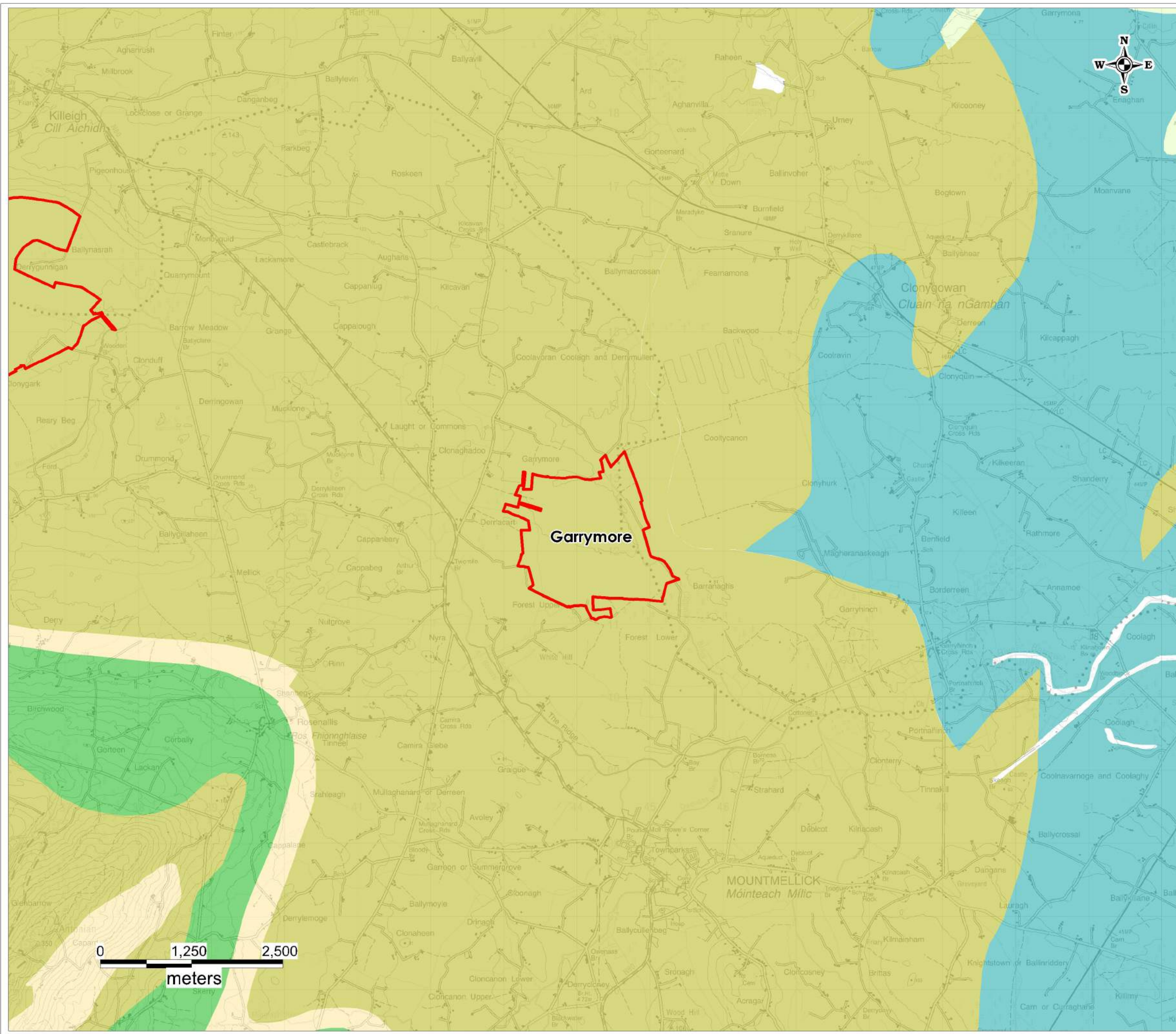
Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 7 of 16	
Figure No: 14.14.7	
Drawing No: P1420-0-0520-A3-14.14.7-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
-  Bog Unit Boundary
  -  Locally Important Aquifer - Karstified
  -  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
  -  Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones
  -  Regionally Important Aquifer - Karstified (diffuse)

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 8 of 16	
Figure No: 14.14.8	
Drawing No: P1420-0-0520-A3-14.14.8-0A	
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Date: 21/05/2020	Checked By: MG

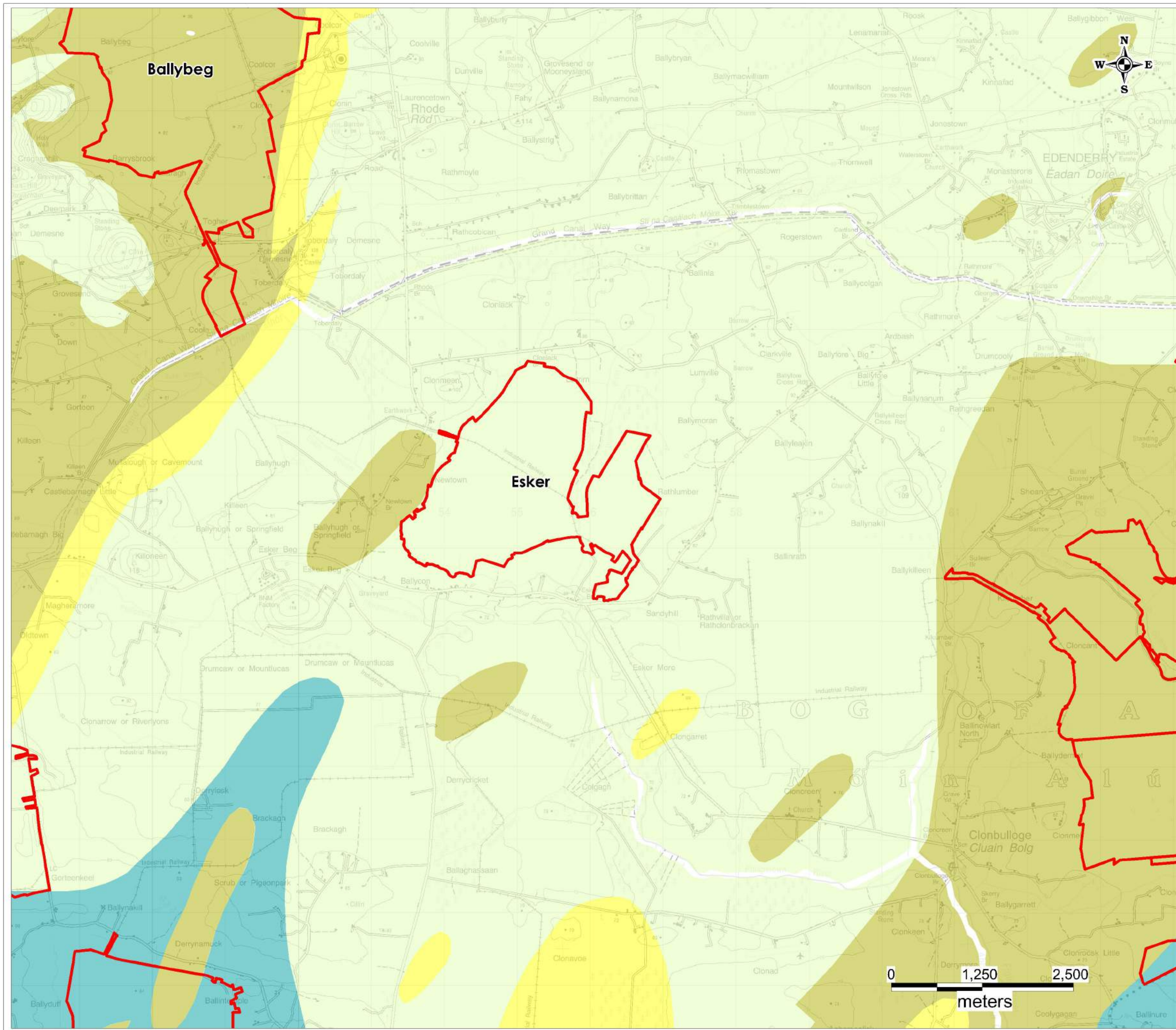



**Legend**

- Bog Unit Boundary
- Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones
- Regionally Important Aquifer - Fissured bedrock
- Regionally Important Aquifer - Karstified (diffuse)

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 9 of 16	
Figure No: 14.14.9	
Drawing No: P1420-0-0520-A3-14.14.9-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
-  Bog Unit Boundary
  -  Locally Important Aquifer - Karstified
  -  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
  -  Locally Important Aquifer - Bedrock which is Generally Moderately Productive
  -  Regionally Important Aquifer - Karstified (diffuse)

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Client: Bord na Mona

Job: EIAR - SC APPLICATION

Title: Local Aquifer Map Sheet 10 of 16

Figure No: 14.4.10

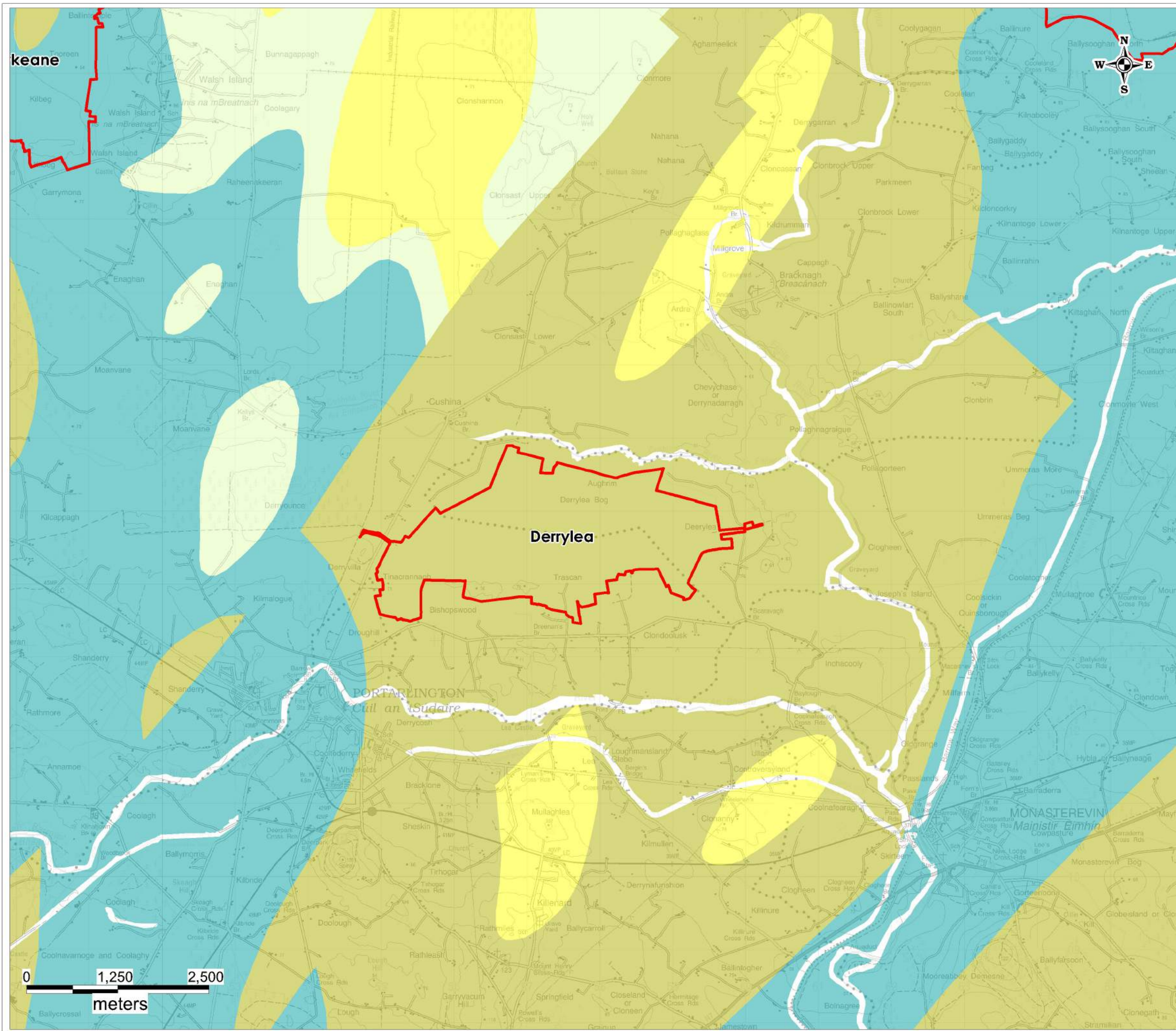
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Scale: 1:50,000	Drawn By: GD
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Date: 21/05/2020	Checked By: MG
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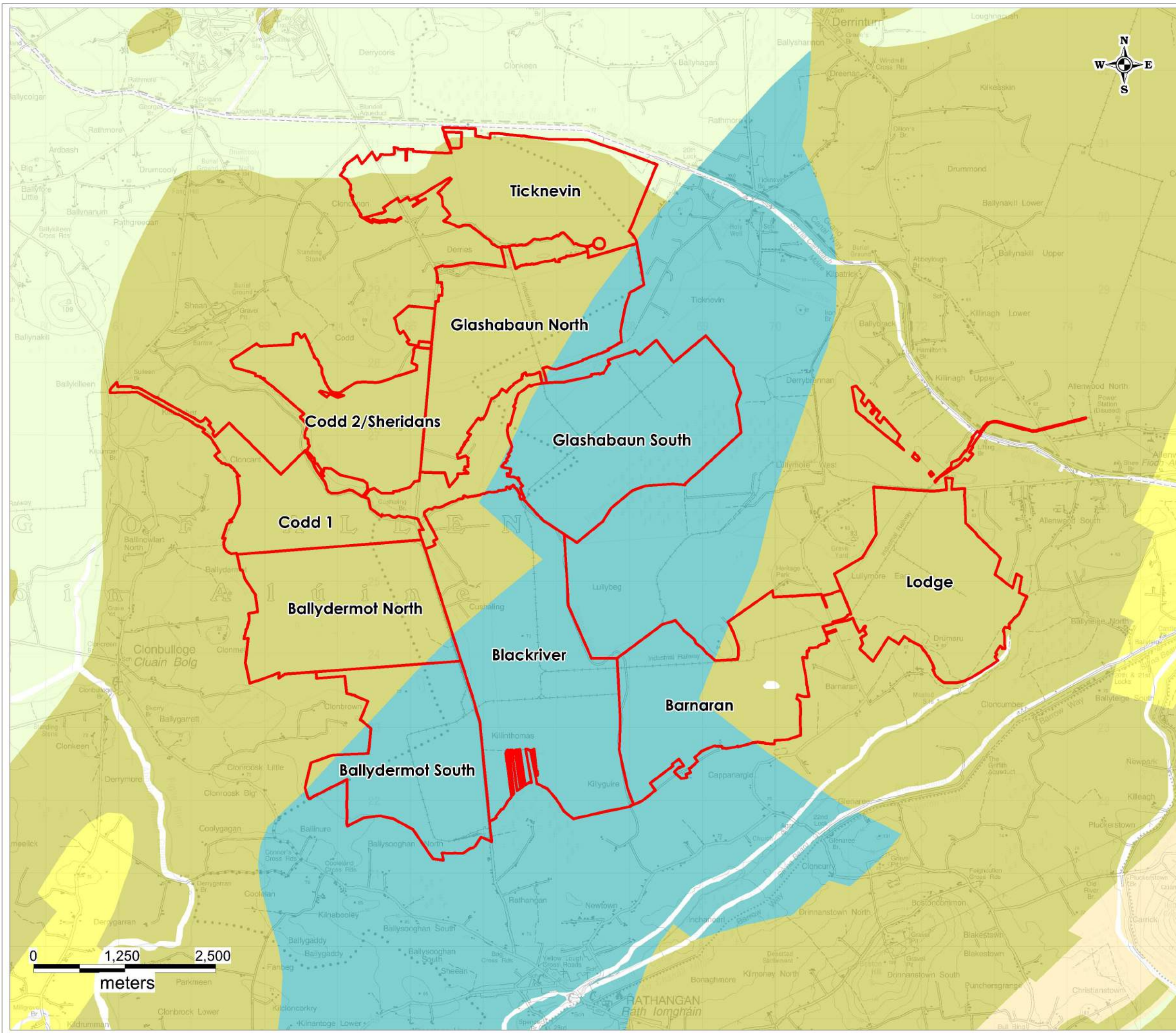




- Legend**
-  Bog Unit Boundary
  -  Locally Important Aquifer - Karstified
  -  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
  -  Locally Important Aquifer - Bedrock which is Generally Moderately Productive
  -  Regionally Important Aquifer - Karstified (diffuse)

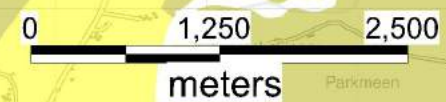
	<b>HYDRO ENVIRONMENTAL SERVICES</b>	
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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 11 of 16	
Figure No: 14.14.11	
Drawing No: P1420-0-0520-A3-14.14.11-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



**Legend**

-  Bog Unit Boundary
-  Locally Important Aquifer - Karstified
-  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
-  Locally Important Aquifer - Bedrock which is Generally Moderately Productive
-  Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones
-  Regionally Important Aquifer - Karstified (diffuse)

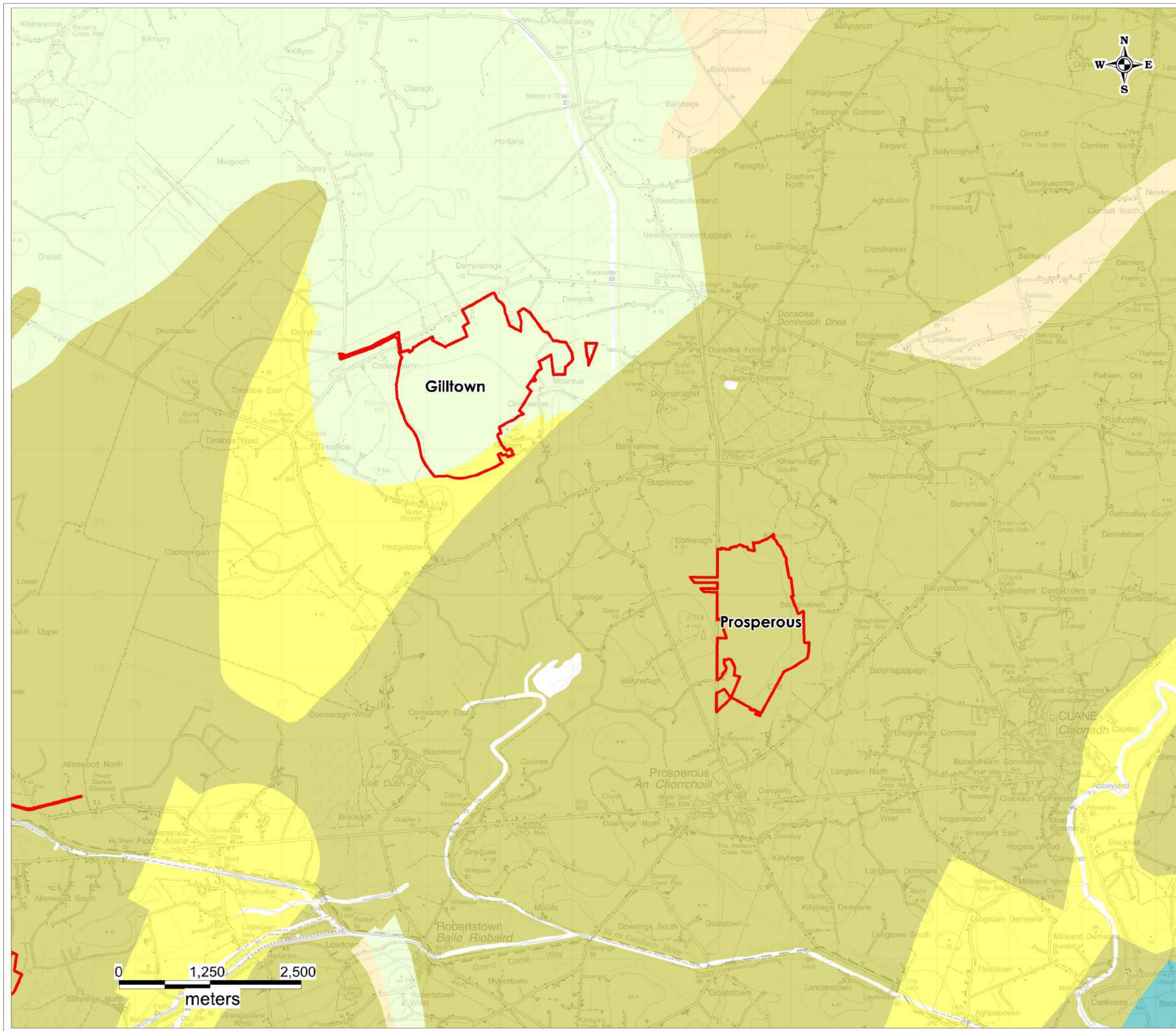


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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 12 of 16	
Figure No: 14.14.12	
Drawing No: P1420-0-0520-A3-14.14.12-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

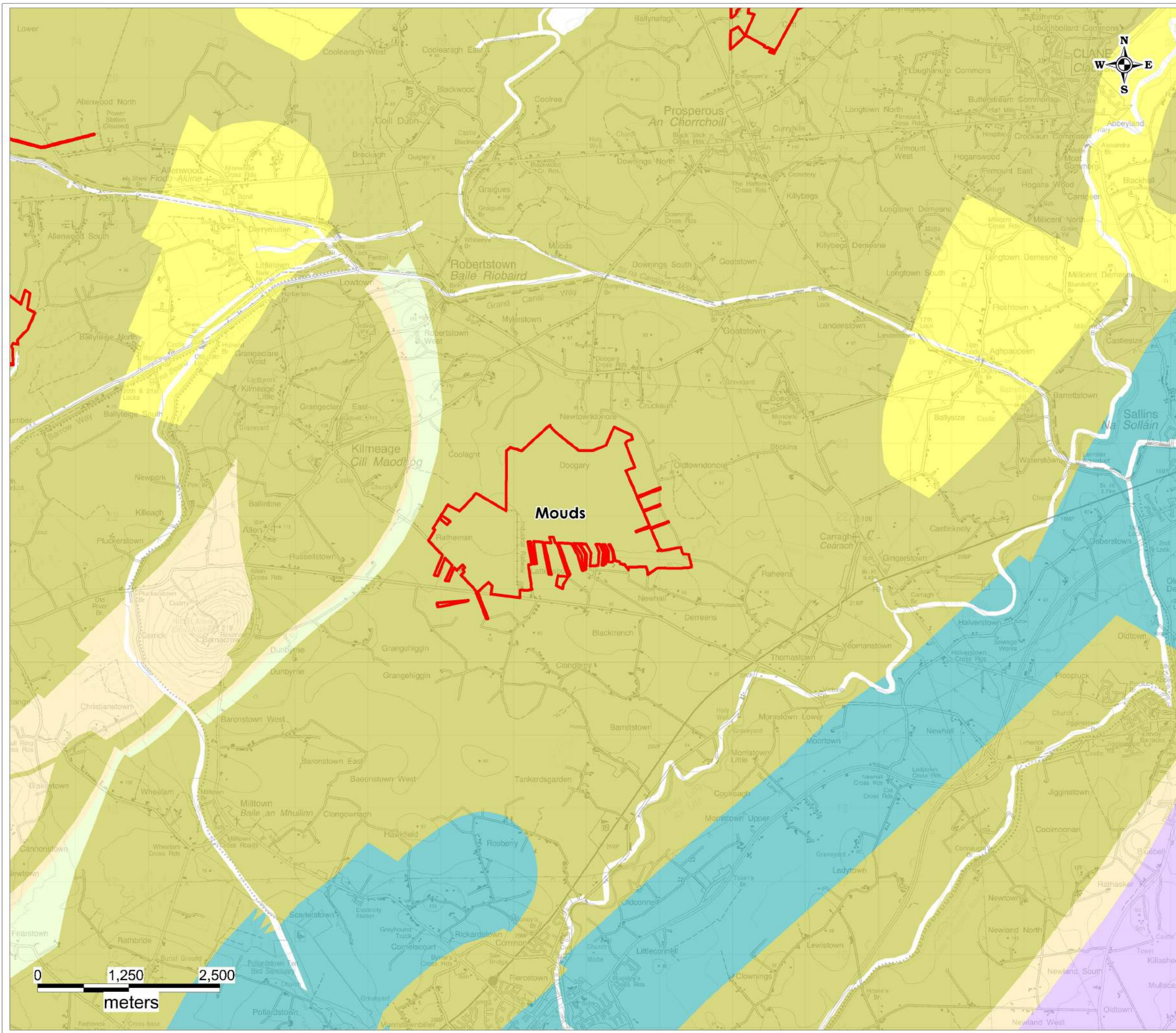


**Legend**

- Bog Unit Boundary
- Locally Important Aquifer - Karstified
- Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

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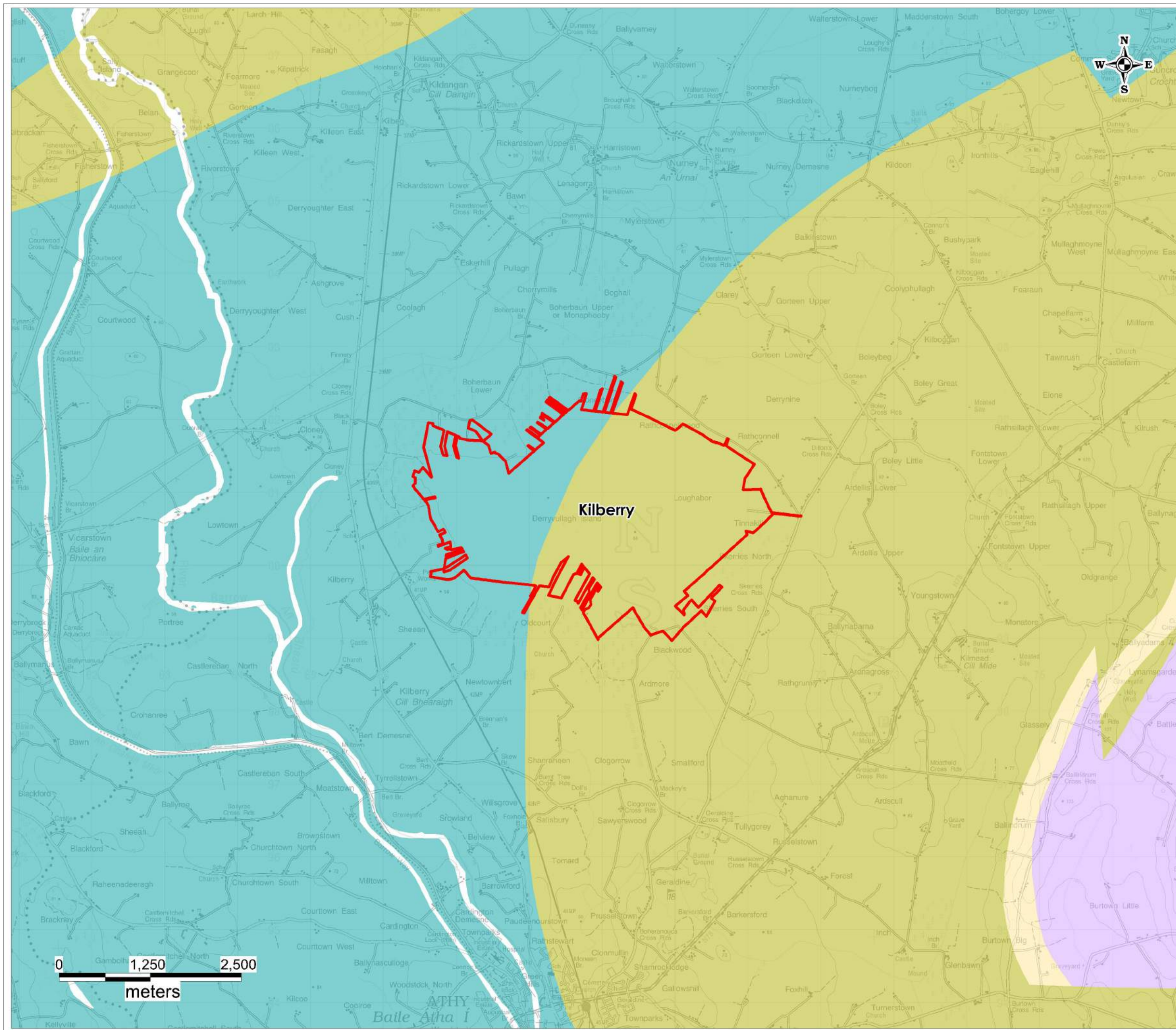
Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 13 of 16	
Figure No: 14.14.13	
Drawing No: P1420-0-0520-A3-14.14.13-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG



- Legend**
- Bog Unit Boundary
  - Locally Important Aquifer - Karstified
  - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
  - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
  - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones
  - Poor Aquifer - Bedrock which is Generally Unproductive
  - Regionally Important Aquifer - Karstified (diffuse)

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 14 of 16	
Figure No: 14.14.14	
Drawing No: P1420-0-0520-A3-14.14.14-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

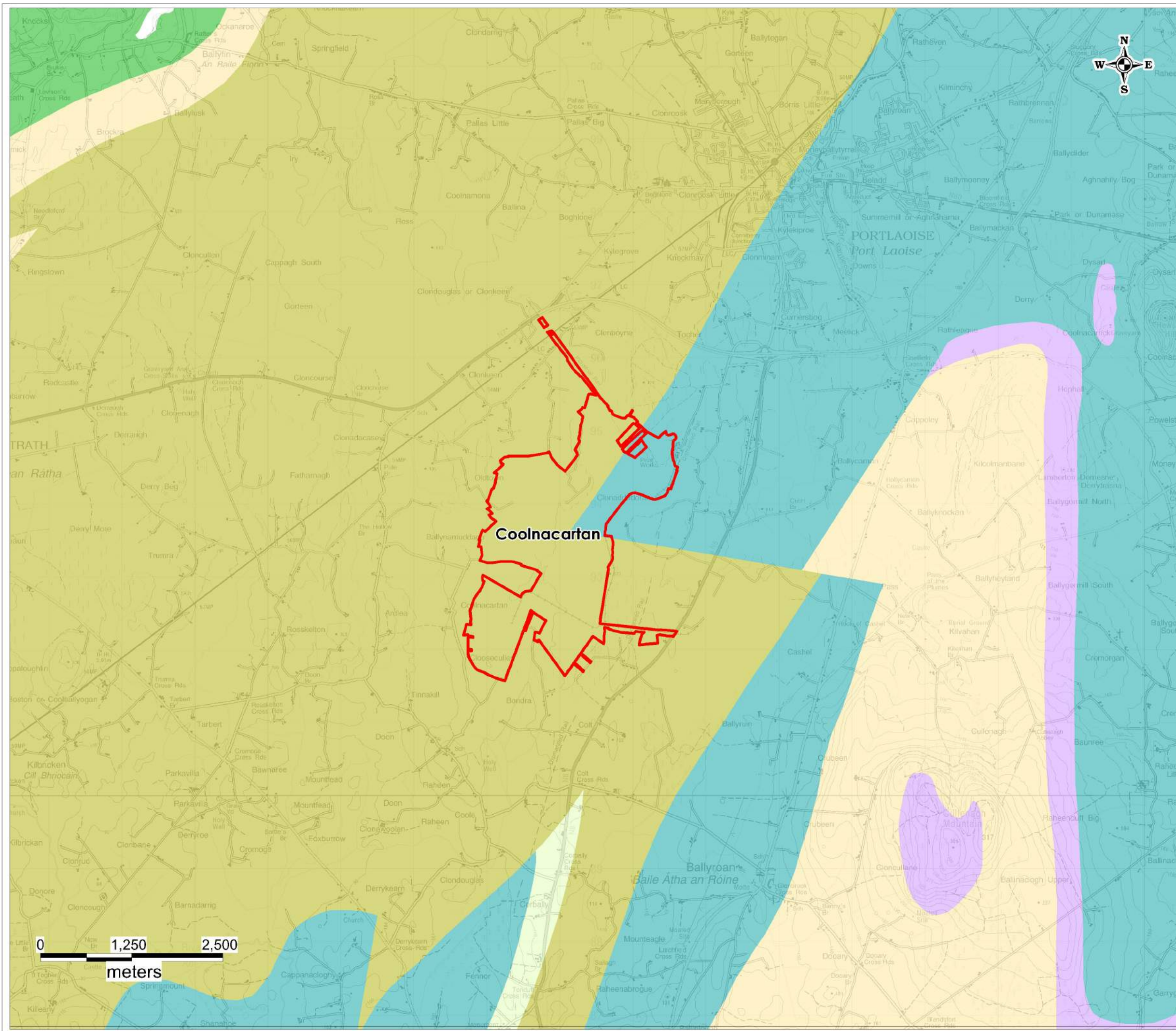


**Legend**

-  Bog Unit Boundary
-  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
-  Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones
-  Poor Aquifer - Bedrock which is Generally Unproductive
-  Regionally Important Aquifer - Karstified (diffuse)

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 15 of 16	
Figure No: 14.14.15	
Drawing No: P1420-0-0520-A3-14.14.15-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

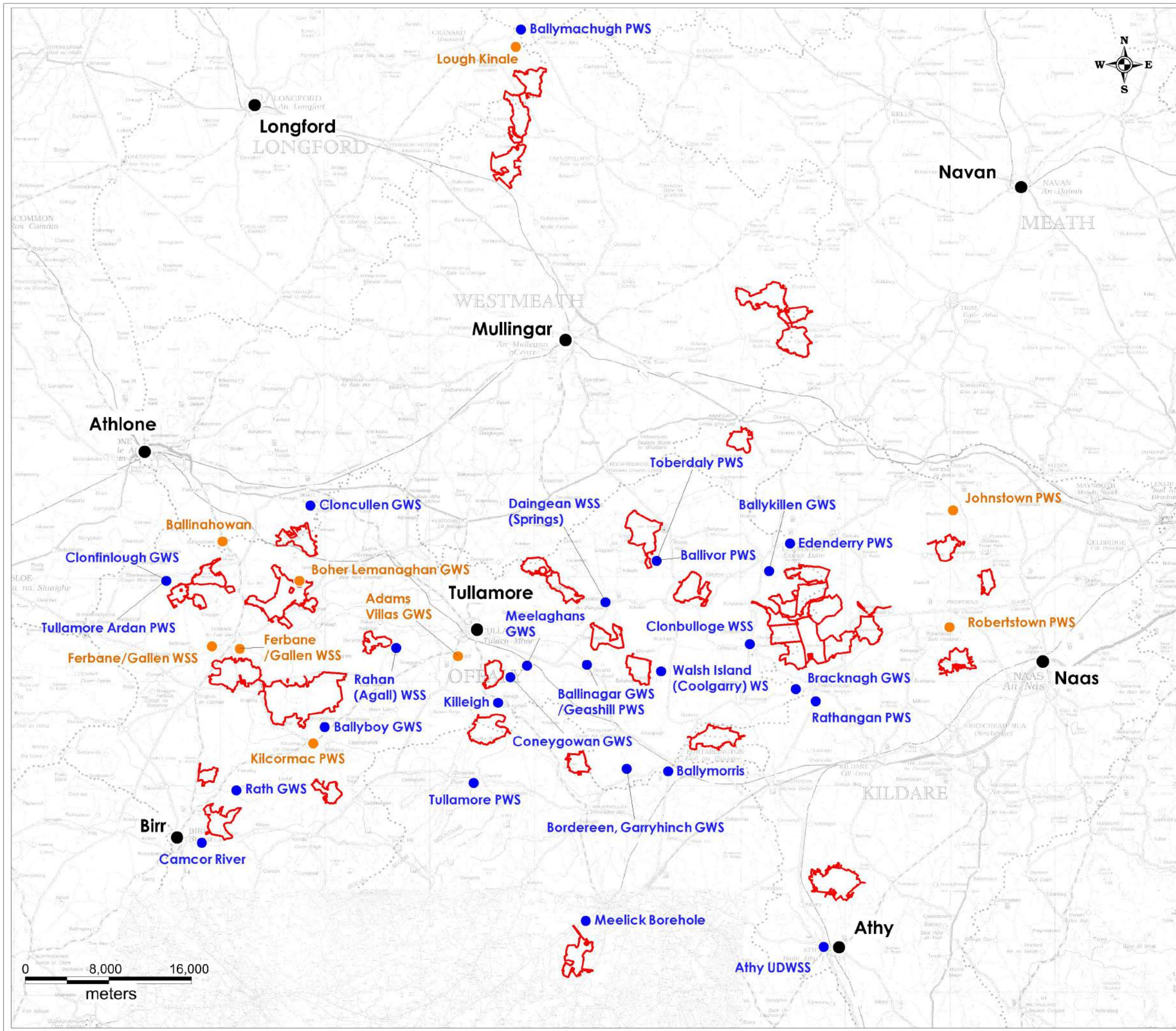


**Legend**

- Bog Unit Boundary
- Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones
- Poor Aquifer - Bedrock which is Generally Unproductive
- Regionally Important Aquifer - Fissured bedrock
- Regionally Important Aquifer - Karstified (diffuse)

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Local Aquifer Map Sheet 16 of 16	
Figure No: 14.14.16	
Drawing No: P1420-0-0520-A3-14.14.16-0A	
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Scale: 1:50,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG

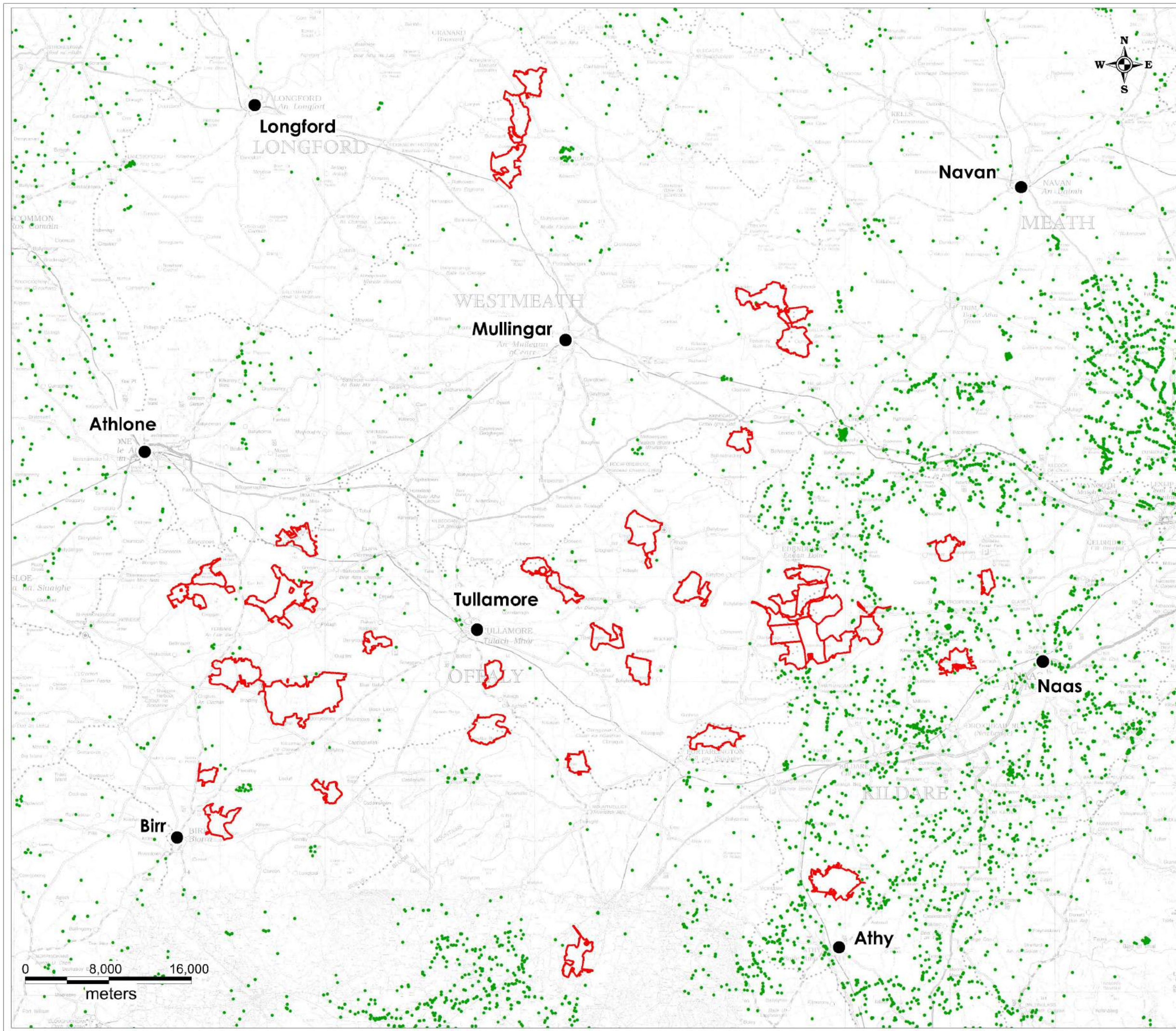


**Legend**

- Bog Unit Boundary
- Groundwater Supply Locations
- Surface Water Abstractions

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Water Supplies Map	
Figure No: 14.15.1	
Drawing No: P1420-0-0520-A3-14.15.1-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:350,000	Drawn By: GD
Date: 25/05/2020	Checked By: MG



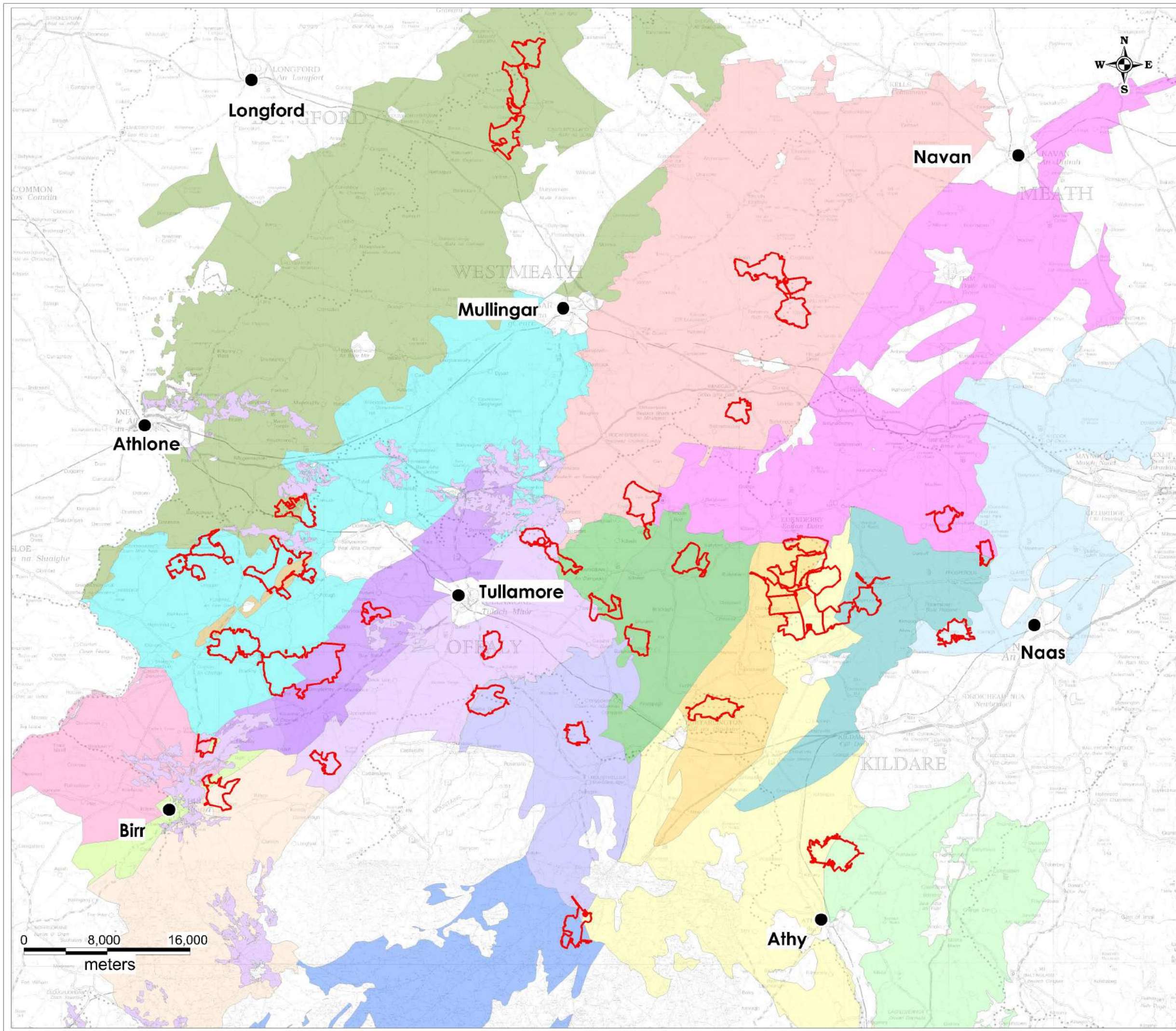
**Legend**

-  Bog Unit Boundary
-  GSI Mapped Wells (<50m accuracy)

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: GSI Wells Map	
Figure No: 14.15.2	
Drawing No: P1420-0-0520-A3-14.15.2-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:350,000	Drawn By: GD
Date: 25/05/2020	Checked By: MG





**Legend**

 Bog Unit Boundary

**GWBs**

-  Athboy
-  Bagenalstown
-  Banagher
-  Birr
-  Clara
-  Cushina
-  Daingean
-  Dublin
-  Fermbane
-  Geashill
-  Inny
-  Kildare
-  New Ross\_N
-  Portlaoise
-  Rathdowney
-  Rhode
-  Shinrone
-  Trim
-  Tullamore

**\*Note:**  
White areas are other GWBs  
that do not overlap with BnM Bog Units

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Client: Bord na Mona	
Job: EIAR - SC APPLICATION	
Title: Groundwater Bodies Map	
Figure No: 14.16	
Drawing No: P1420-0-0520-A3-14.16-0A	
Sheet Size: A3	Project No: P1420-0
Scale: 1:350,000	Drawn By: GD
Date: 21/05/2020	Checked By: MG