

## Appendix 9-1

# Land and Soils Chapter: Figures and Maps

Figure 9.1: Soils Map (Wind Farm)

Figure 9.2: Subsoils Map (Wind Farm)

Figure 9.3: Peat Depth Map (Wind Farm)

(Figure 9.4: Peat Depth frequency distribution plot in the Chapter)

Figure 9.5: Trial Pit Location Map (Wind Farm)

Figure 9.6: Soils Map (Grid Route)

Figure 9.7: Subsoils Map (Grid Route)

Figure 9.8: Soils Map (Ballard)

Figure 9.9: Soils Map (Cooraclare)

Figure 9.10: Soils Map (Trillickacurry)

Figure 9.11: Subsoils Map (Ballard)

Figure 9.12: Subsoils Map (Cooraclare)

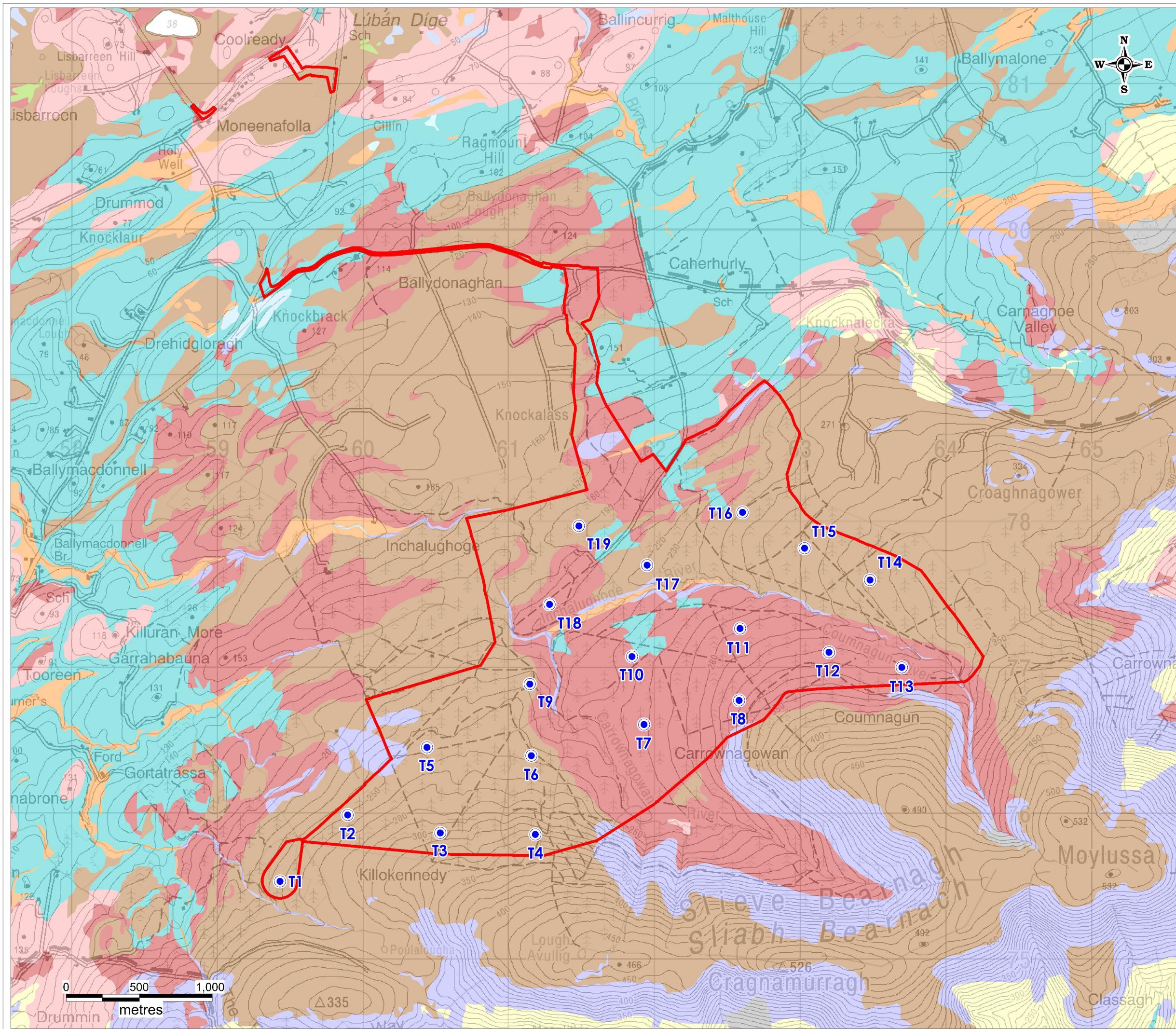
Figure 9.13: Subsoils Map (Trillickacurry)

Figure 9.14 Regional Geology Map (WF/Grid route)

Figure 9.15: Regional Geology Map (Ballard)

Figure 9.16: Regional Geology Map (Cooraclare)

Figure 9.17: Regional Geology Map (Trillickacurry)

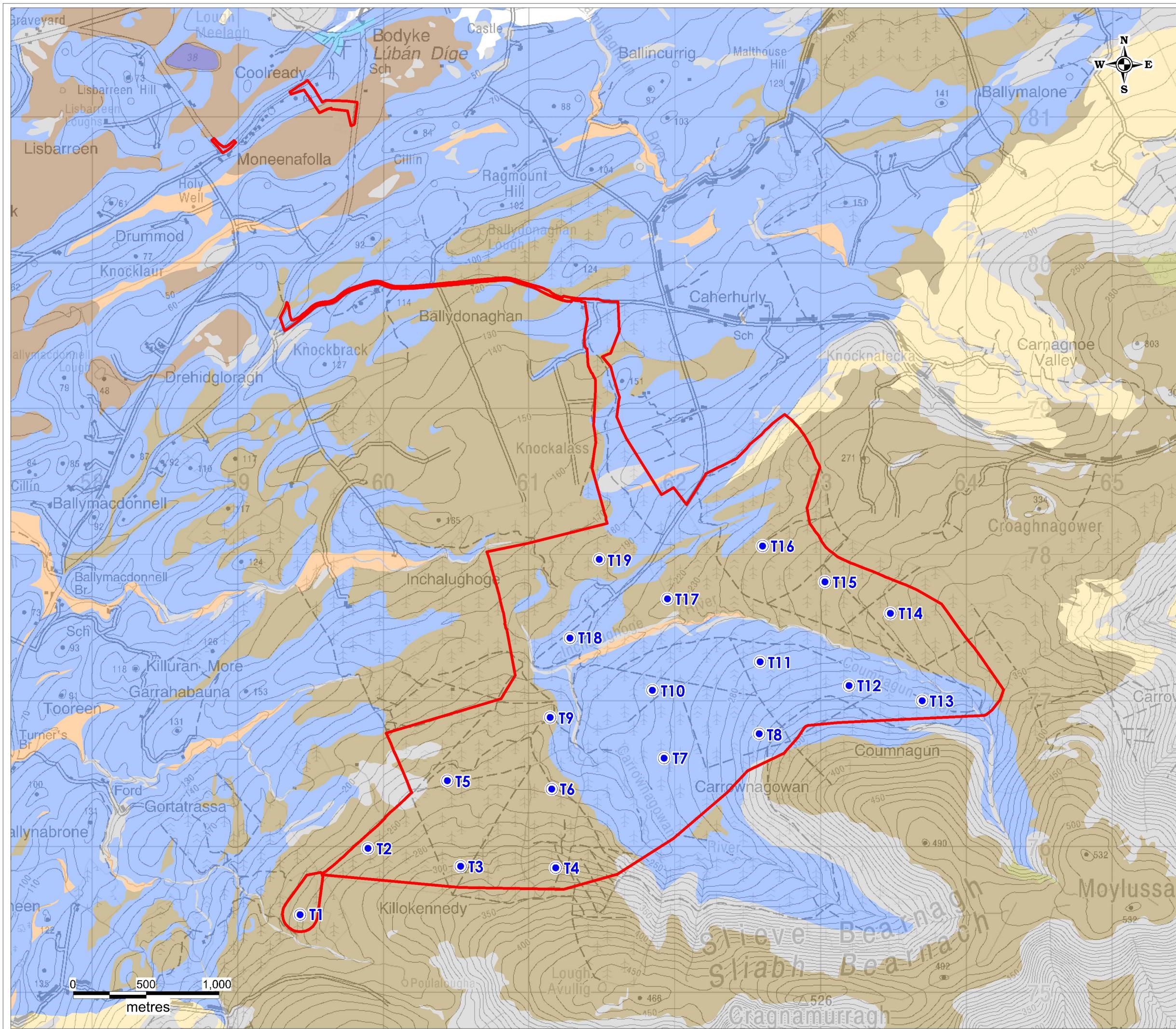


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Client: Malachy Walsh and Partners	
Job: Carrownagowan WF, Co. Clare	
Title: Local Soils Map (Wind Farm)	
Figure No: 9.1	
Drawing No: P1444-0-0320-A3-901-0A	
Sheet Size: A3	Project No: P1444-0
Scale: 1:25,000	Drawn By: GD
Date: 12/03/2020	Checked By: MG

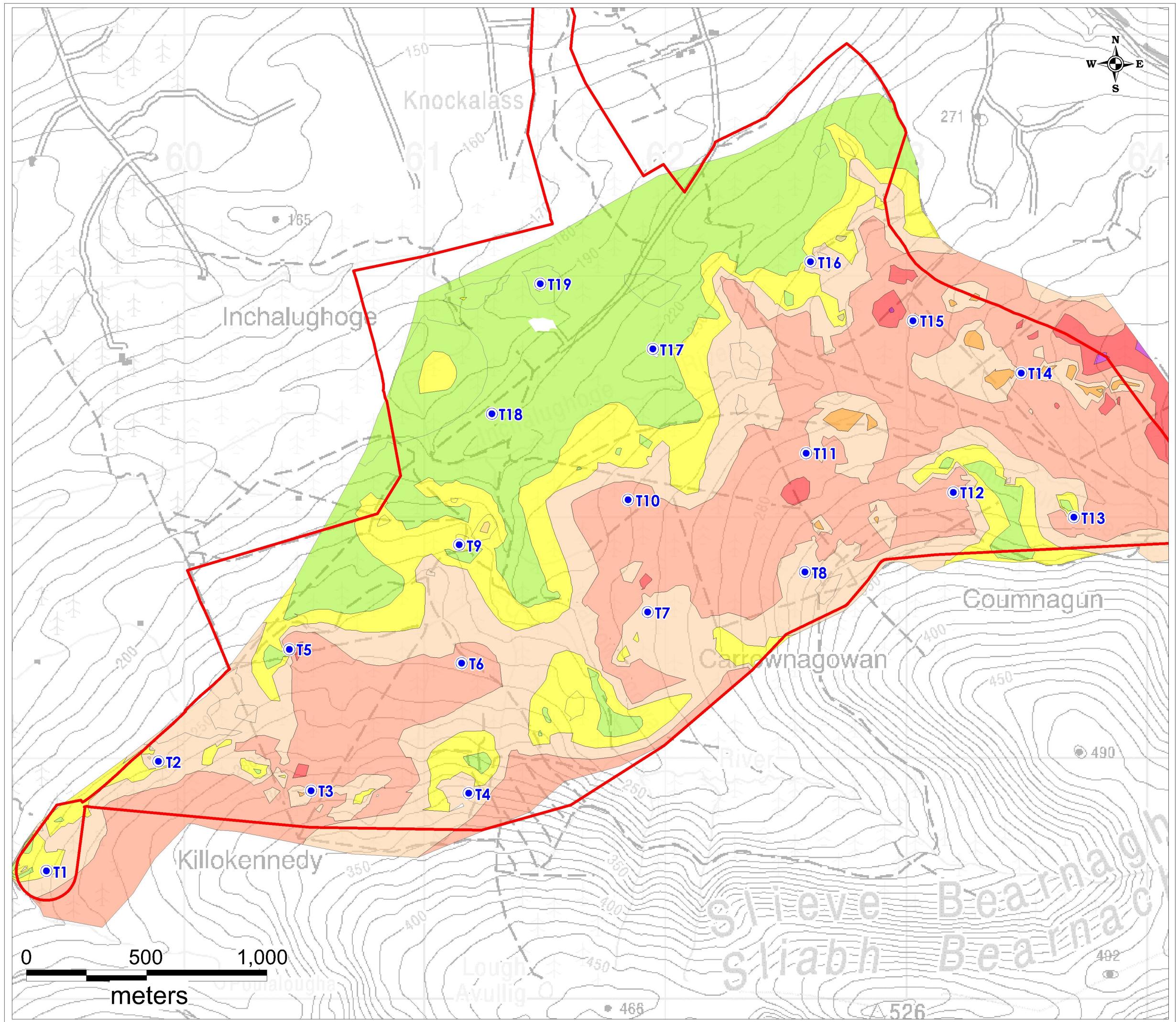


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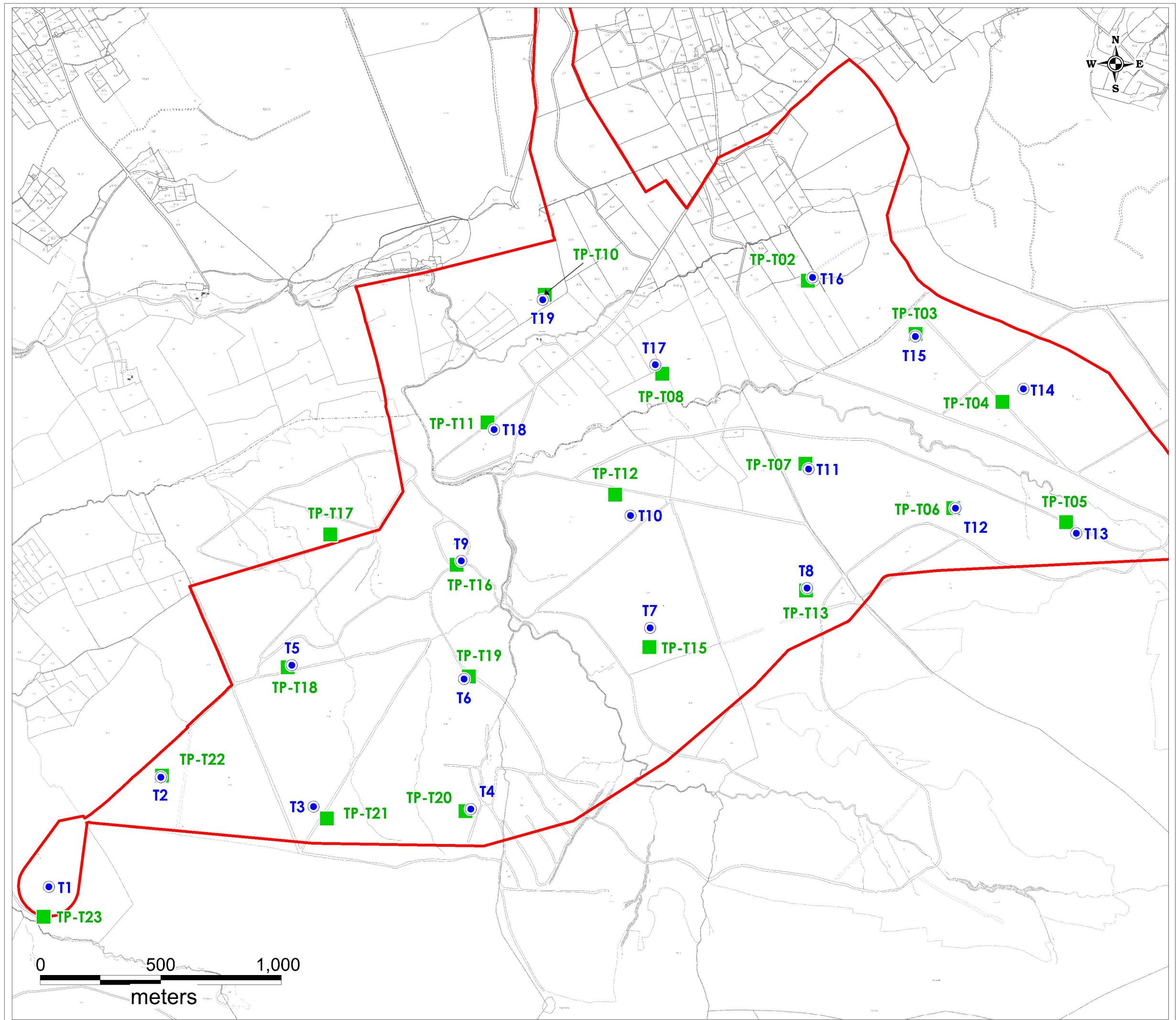
22 Lower Main St, Dungarvan, Co. Waterford, Ireland

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Client: Malachy Walsh and Partners  
Job: Carrownagowan WF, Co. Clare  
Title: Local Subsoils Map (Wind Farm)  
Figure No: 9.2  
Drawing No: P1444-0-0320-A3-902-0A  
Sheet Size: A3 Project No: P1444-0  
Scale: 1:25,000 Drawn By: GD  
Date: 12/03/2020 Checked By: MG



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Client: Malachy Walsh and Partners	
Job: Carrownagowan, Co. Clare	
Title: Peat Depth Map (Wind Farm)	
Figure No: 9.3	
Drawing No: P1444-0-0320-A3-903-A0	
Sheet Size: A3	Project No: P1444-0
Scale: 1:15,000	Drawn By: GD
Date: 12/03/2020	Checked By: MG



**Legend**

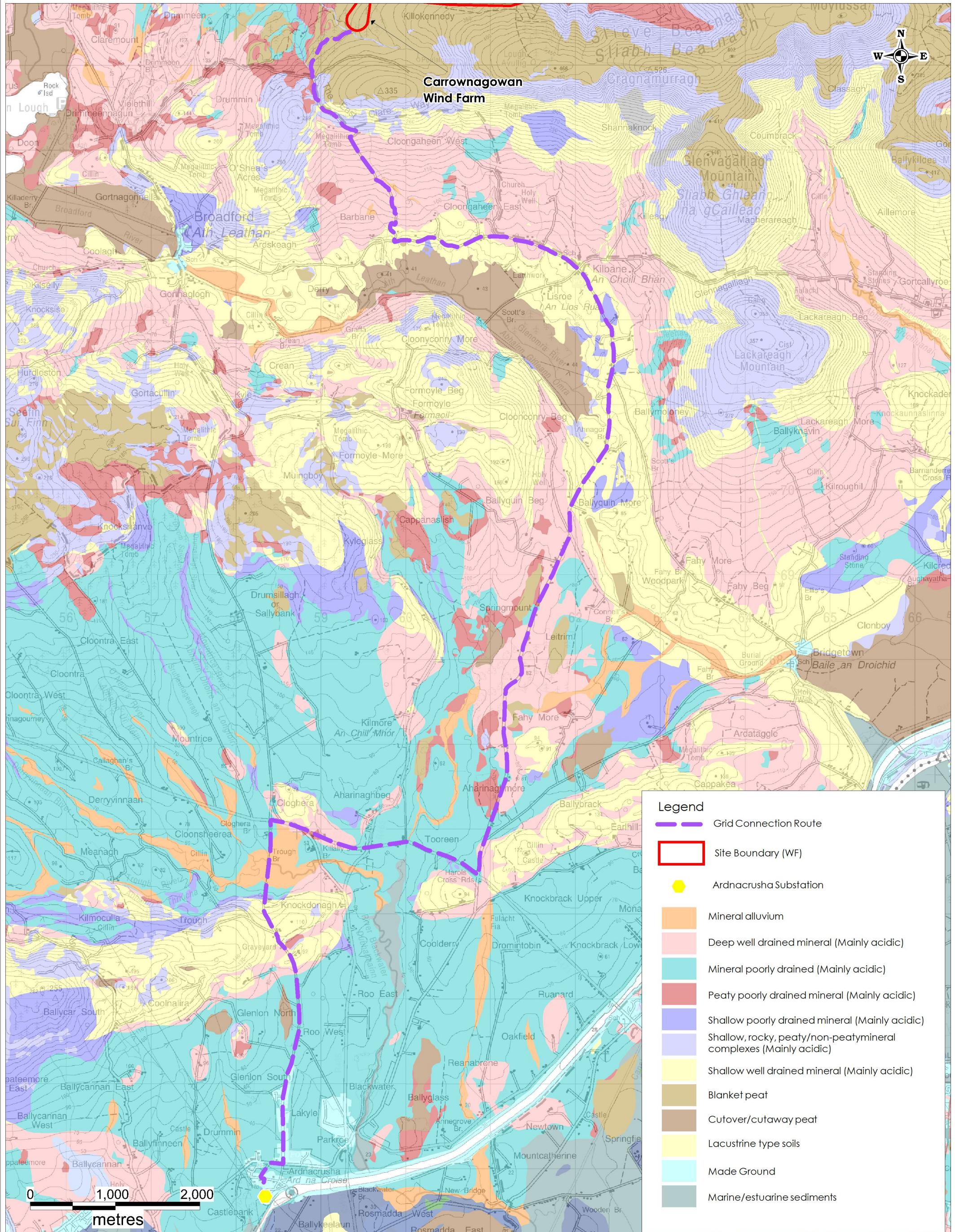
- Site Boundary:** Red line
- Proposed Turbine Layout:** Blue circle
- Trial Pit Location:** Green square



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Client: Malachy Walsh and Partners
Job: Carrownagowan WF, Co. Clare
Title: Trial Pit Location Map (Wind Farm)
Figure No: 9.5
Drawing No: P1444-0-0320-A3-905-0A
Sheet Size: A3
Project No: P1444-0
Scale: 1:15,000
Drawn By: GD
Date: 12/03/2020
Checked By: MG



Client: Malachy Walsh and Partners

Job: Carrownagowan WF, Co. Clare

Title: Local Soils Map (Grid route)

Figure No: 9.6

Drawing No: P1444-0-0320-A3-906-0A

Sheet Size: A3

Project No: P1444-0

Scale: 1:40,000

Drawn By: GD

Date: 12/03/2020

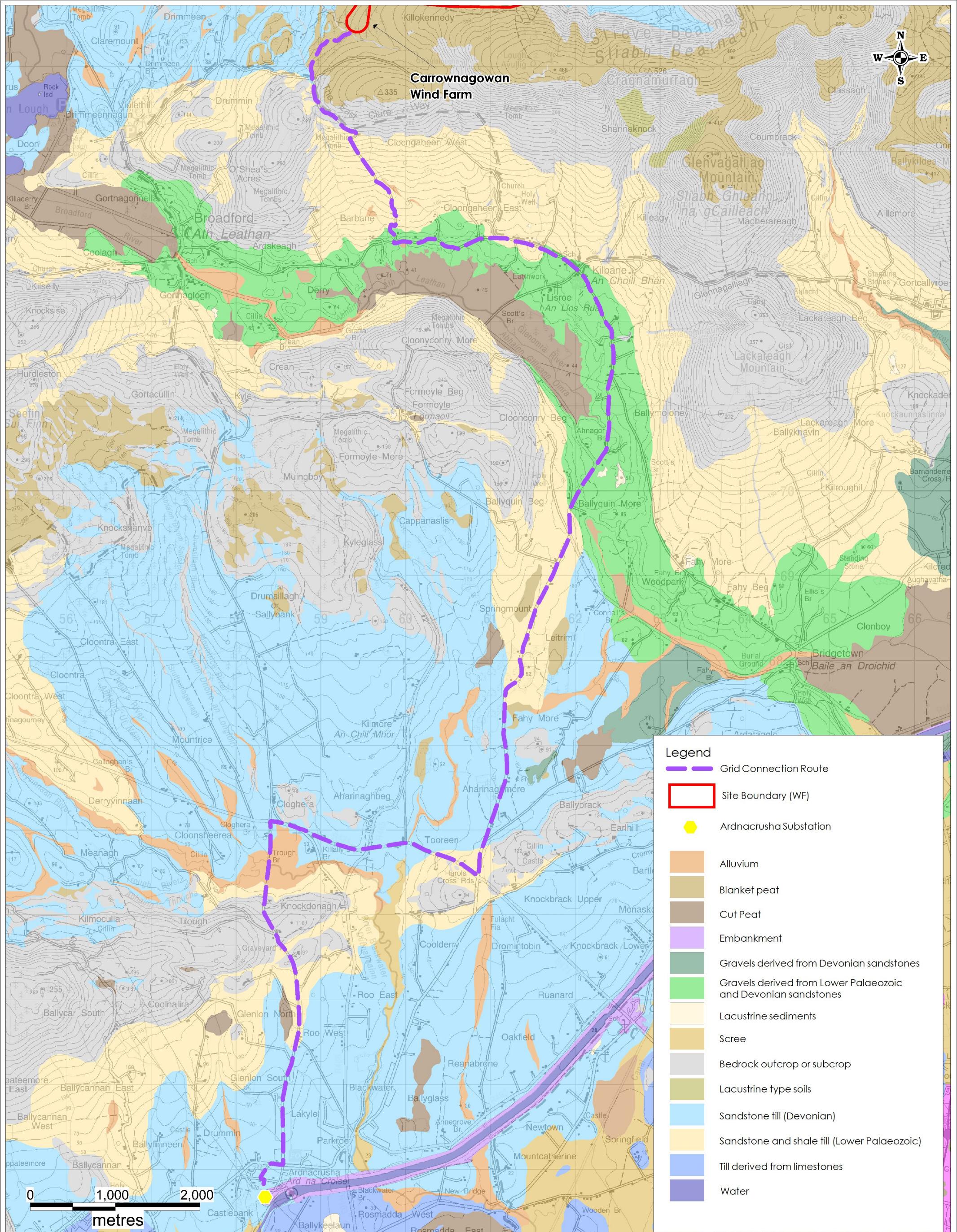
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Client: Malachy Walsh and Partners

Job: Carrownagowan WF, Co. Clare

Title: Local Subsoils Map (Grid route)

Figure No: 9.7

Drawing No: P1444-0-0320-A3-907-0A

Sheet Size: A3

Project No: P1444-0

Scale: 1:40,000

Drawn By: GD

Date: 12/03/2020

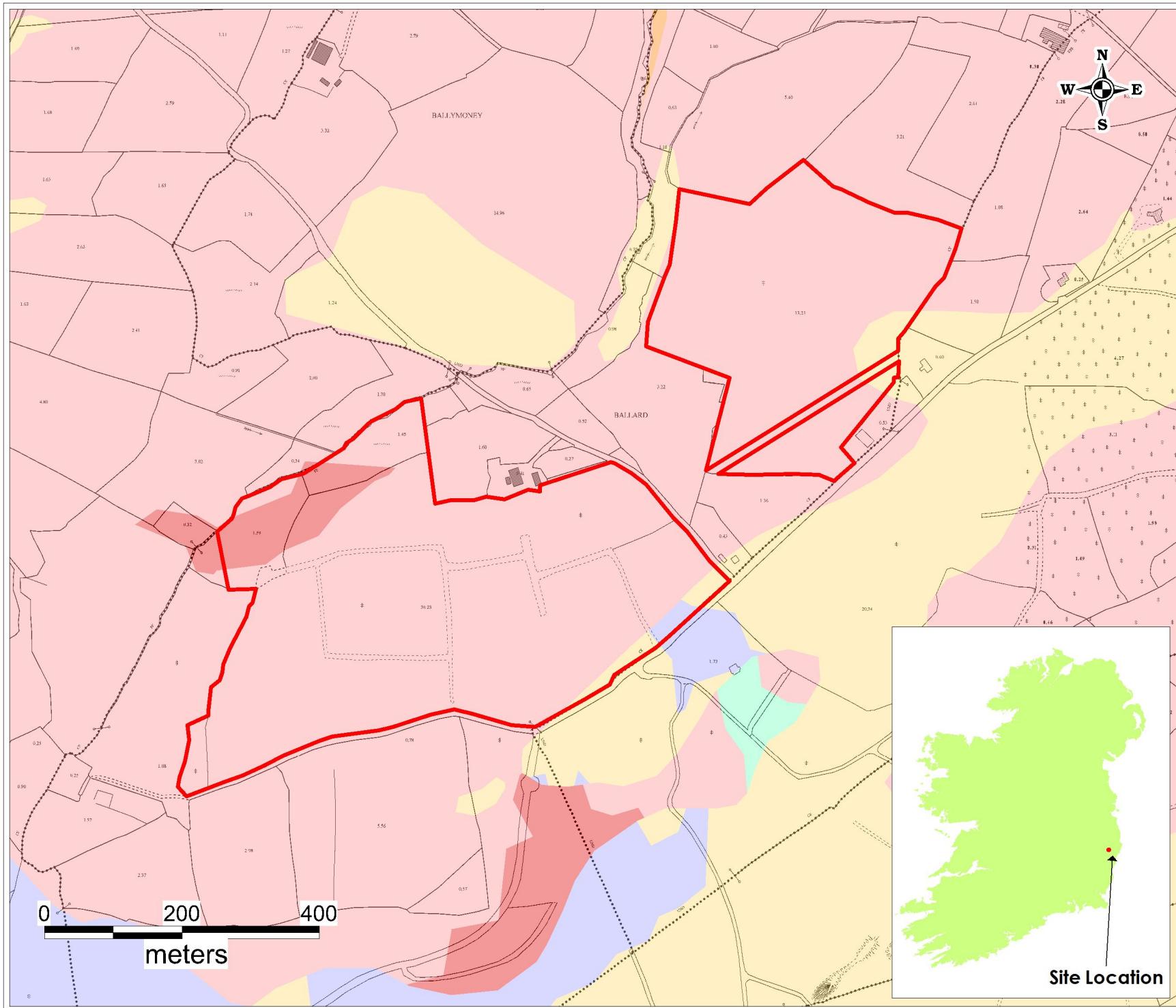
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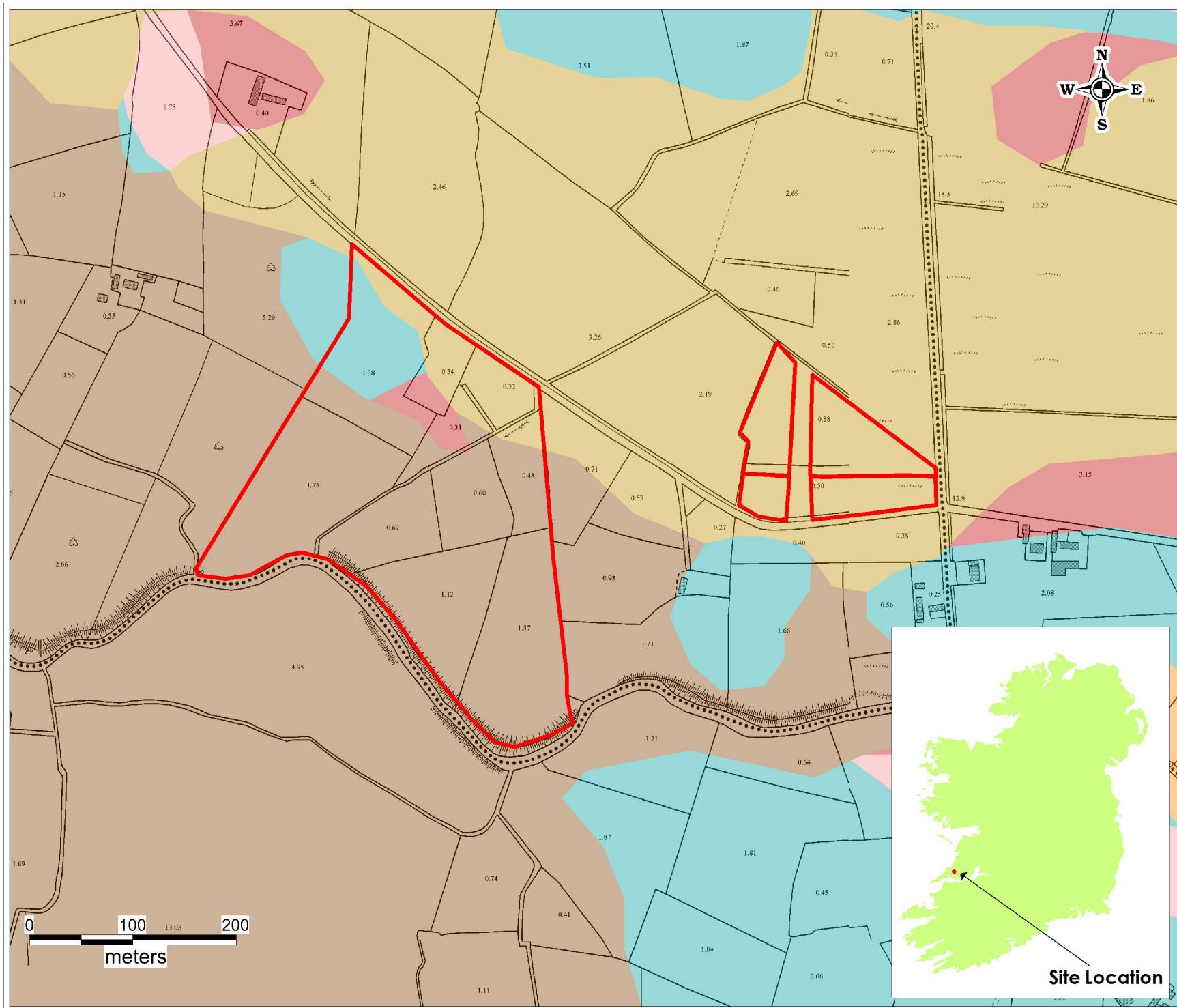


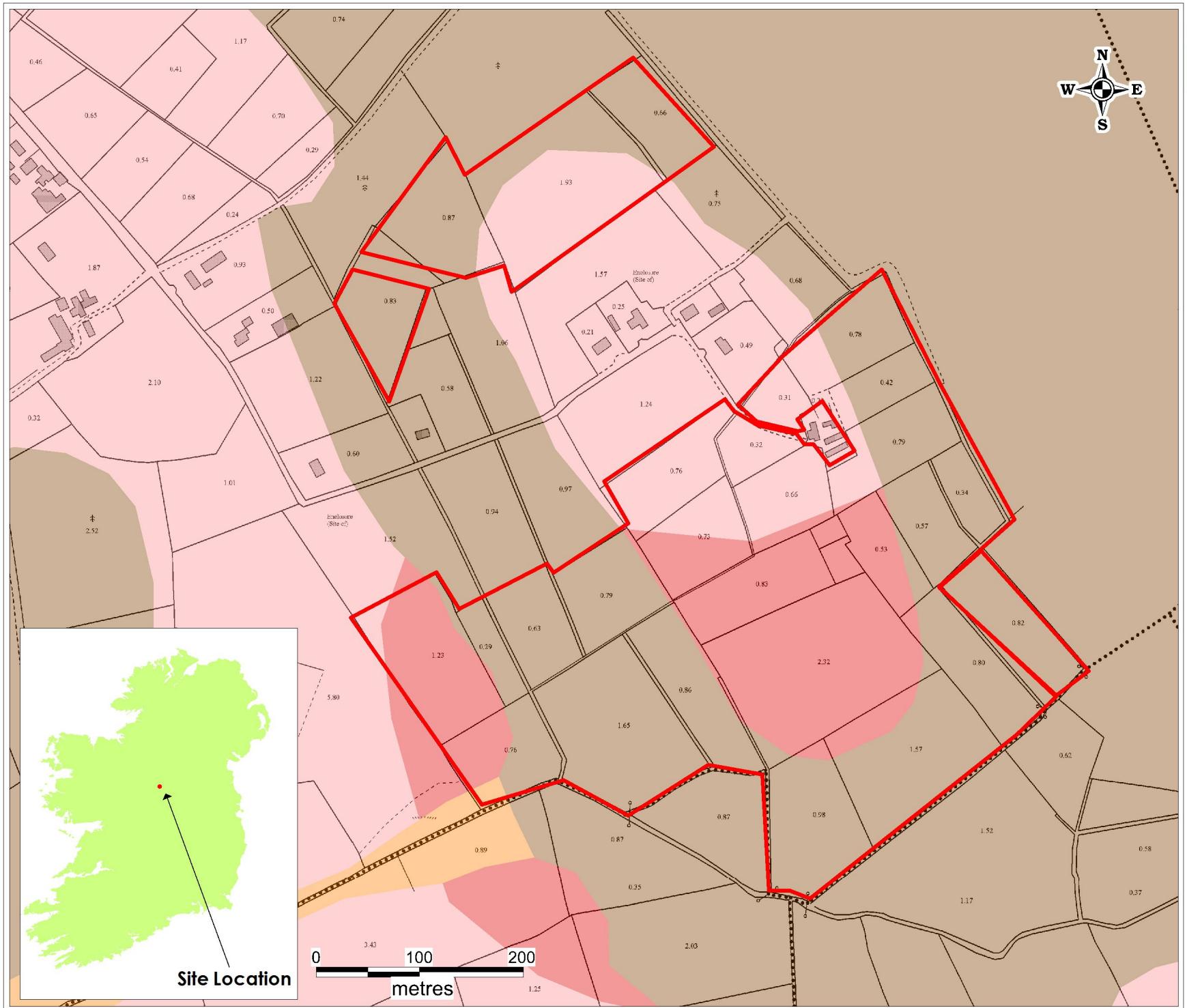
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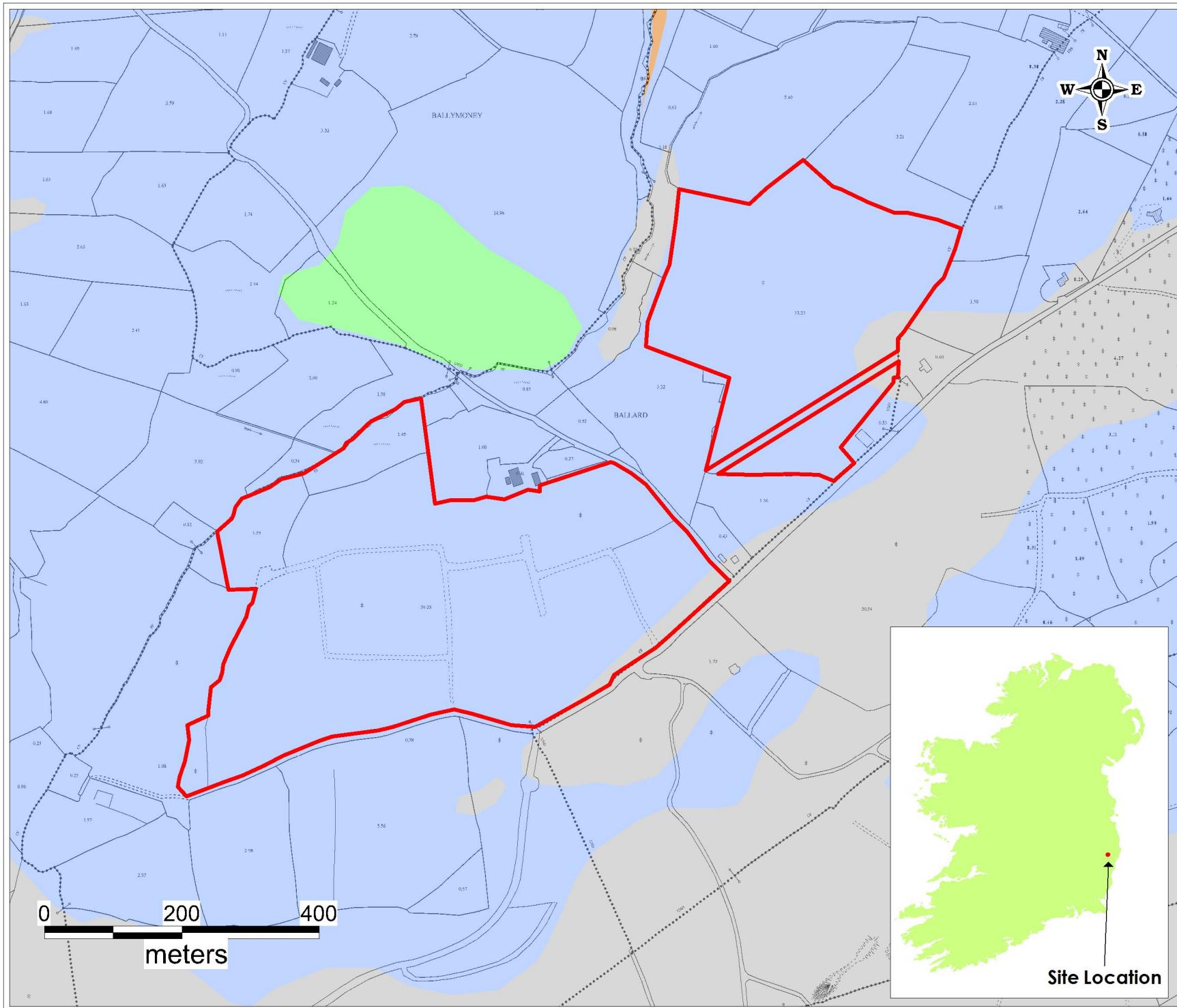




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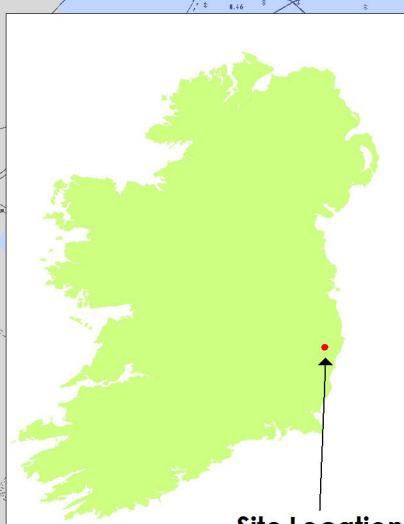
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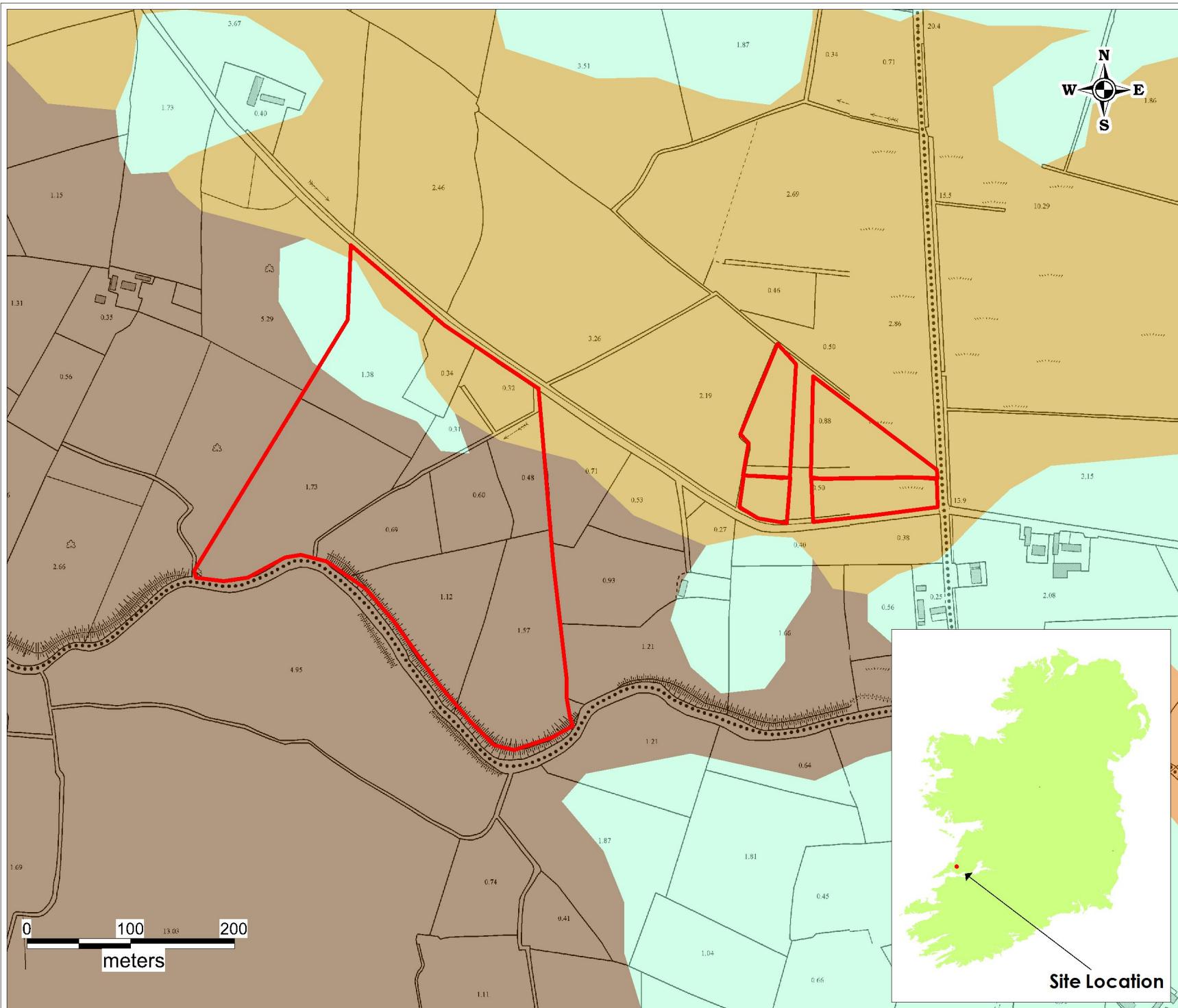
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Client: Malachy Walsh and Partners	
Job: Carrownagowan WF, Co. Clare	
Project No: P1444-0	
Figure No: 9.10	
Sheet Size: A4	
Drawing No: P1444-0-0320-A4-910-0A	
Date: 12/03/2020	
Scale: 1:7,500	
Drawn By: GD	Checked By: MG



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**Title:** Local Subsoils Map (Ballard)  
**Client:** Malachy Walsh and Partners  
**Job:** Carrownagowan WF, Co. Clare  
**Project No:** P1444-0  
**Figure No:** 9.11  
**Sheet Size:** A4  
**Drawing No:** P1444-0-0320-A4-911-0A  
**Date:** 12/03/2020  
**Scale:** 1:7,500  
**Drawn By:** GD      **Checked By:** MG





## Legend

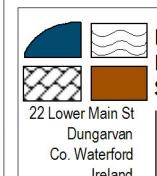
Site Boundary  
(Cooraclare)

Alluvium

Blanket Peat

Cut over raised peat

Till derived from Namurian sandstones and shales



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## Title: Local Subsoils Map (Coolaclare)

Client: Malachy Walsh and Partners

**Job: Garrownagowan WE, Co. Clare**

Project No: P1444-0

Figure No: 9.12

Sheet Size: A4

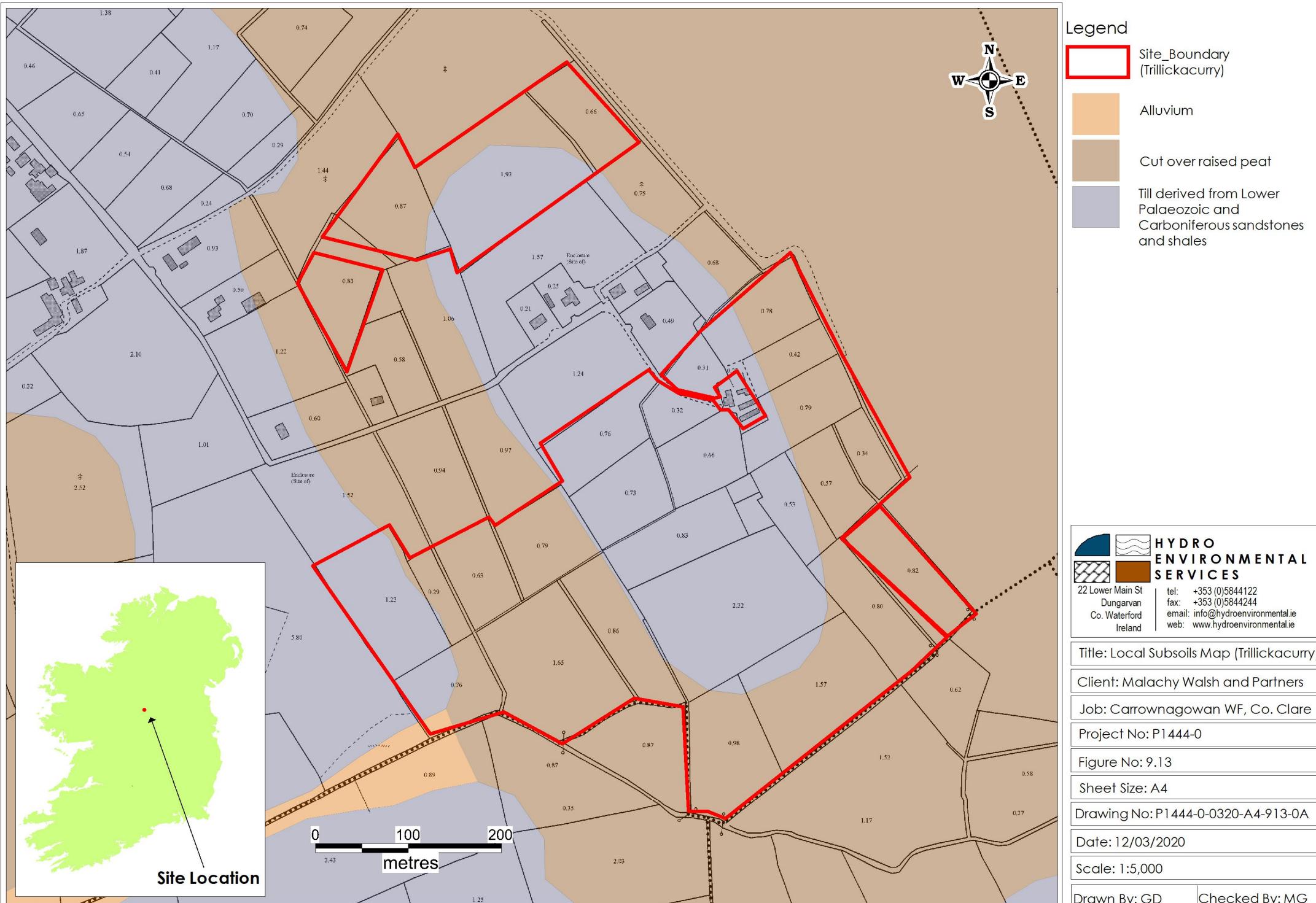
Drawing No: P1444-

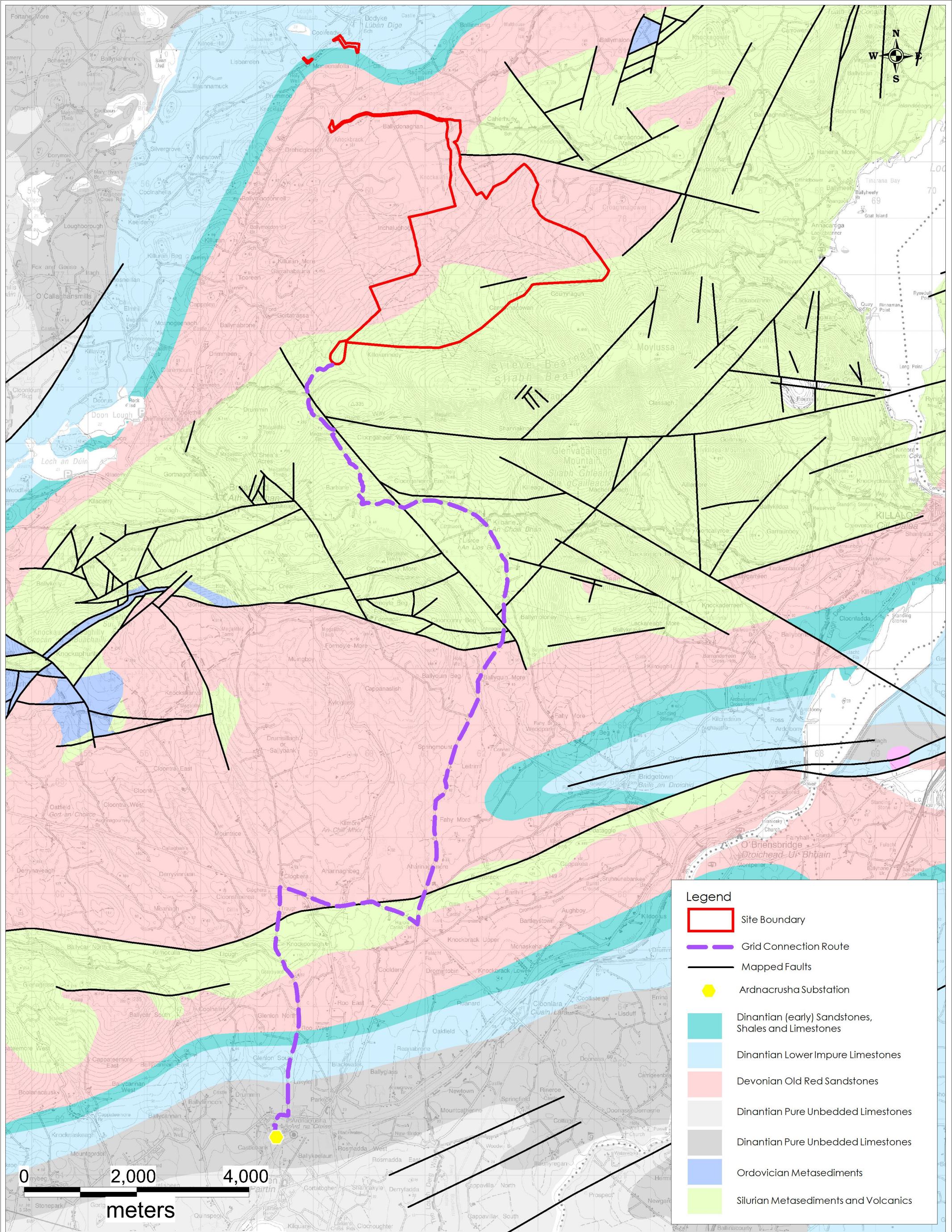
Date: 12/03/20

Scale: 1:5,000

Drawn By: GD

Checked By: MG





Client: Malachy Walsh and Partners

Job: Carrownagowan WF, Co. Clare

Title: Regional Geology Map (WF/Grid route)

Figure No: 9.14

Drawing No: P1444-0-0320-A3-914-0A

Sheet Size: A3

Project No: P1444-0

Scale: 1:60,000

Drawn By: GD

Date: 12/03/2020

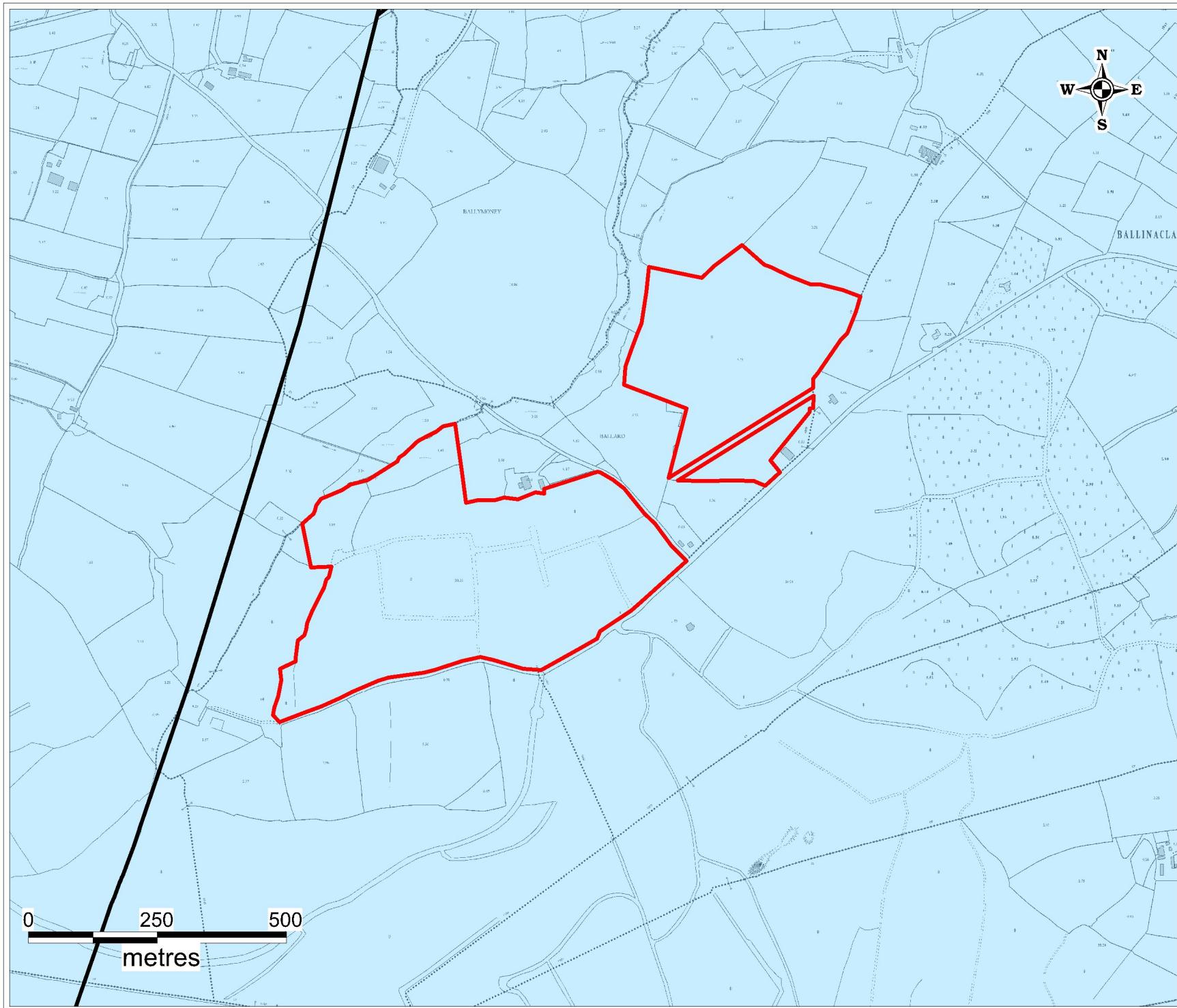
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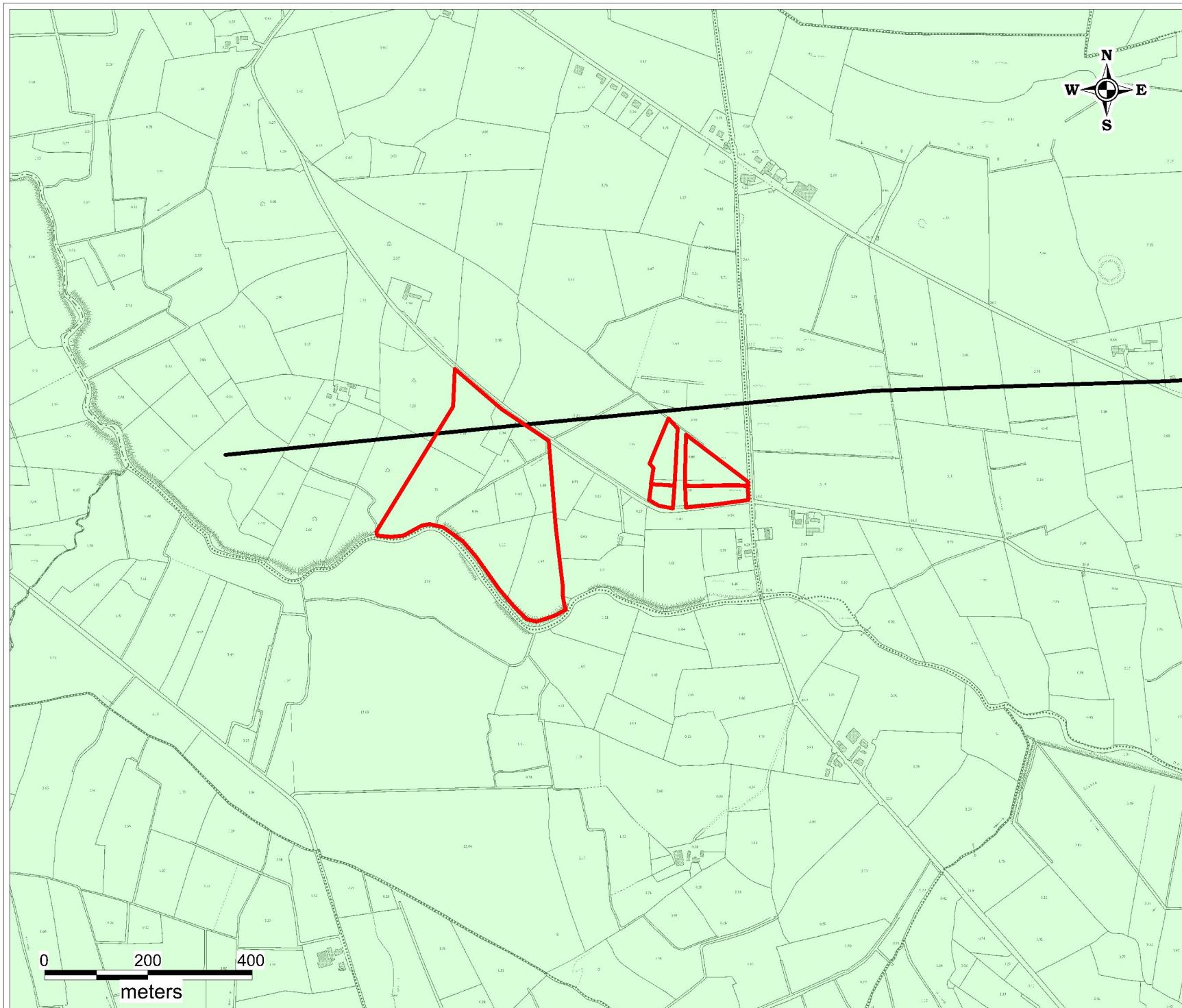


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### Legend

- Site Boundary (Cooraclare)
- Mapped Faults
- Namurian Sandstones



Site Location



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Title: Regional Bedrock Geology Map (Cooraclare)

Client: Malachy Walsh and Partners

Job: Carrownagowan WF, Co. Clare

Project No: P1444-0

Figure No: 9.16

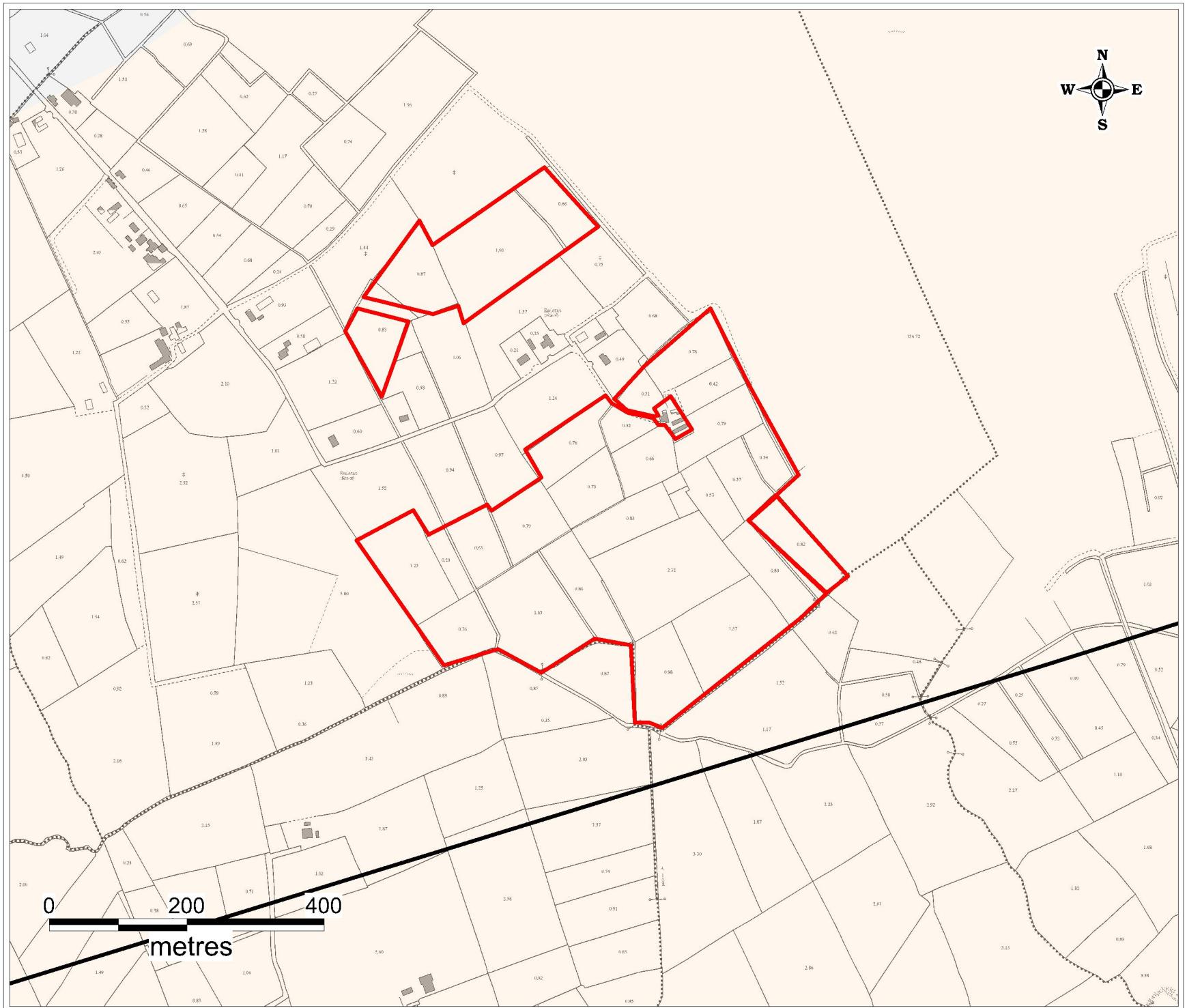
Sheet Size: A4

Drawing No: P1444-0-0320-A4-916-0A

Date: 12/03/2020

Scale: 1:10,000

Drawn By: GD      Checked By: MG



### Legend

- Site\_Boundary (Trillickacurry)
- Mapped Faults
- Dinantian Upper Impure Limestones



Site Location



Title: Regional Bedrock Geology Map (Trillickacurry)

Client: Malachy Walsh and Partners

Job: Carrownagowan WF, Co. Clare

Project No: P1444-0

Figure No: 9.17

Sheet Size: A4

Drawing No: P1444-0-0320-A4-917-0A

Date: 12/03/2020

Scale: 1:7,500

Drawn By: GD      Checked By: MG