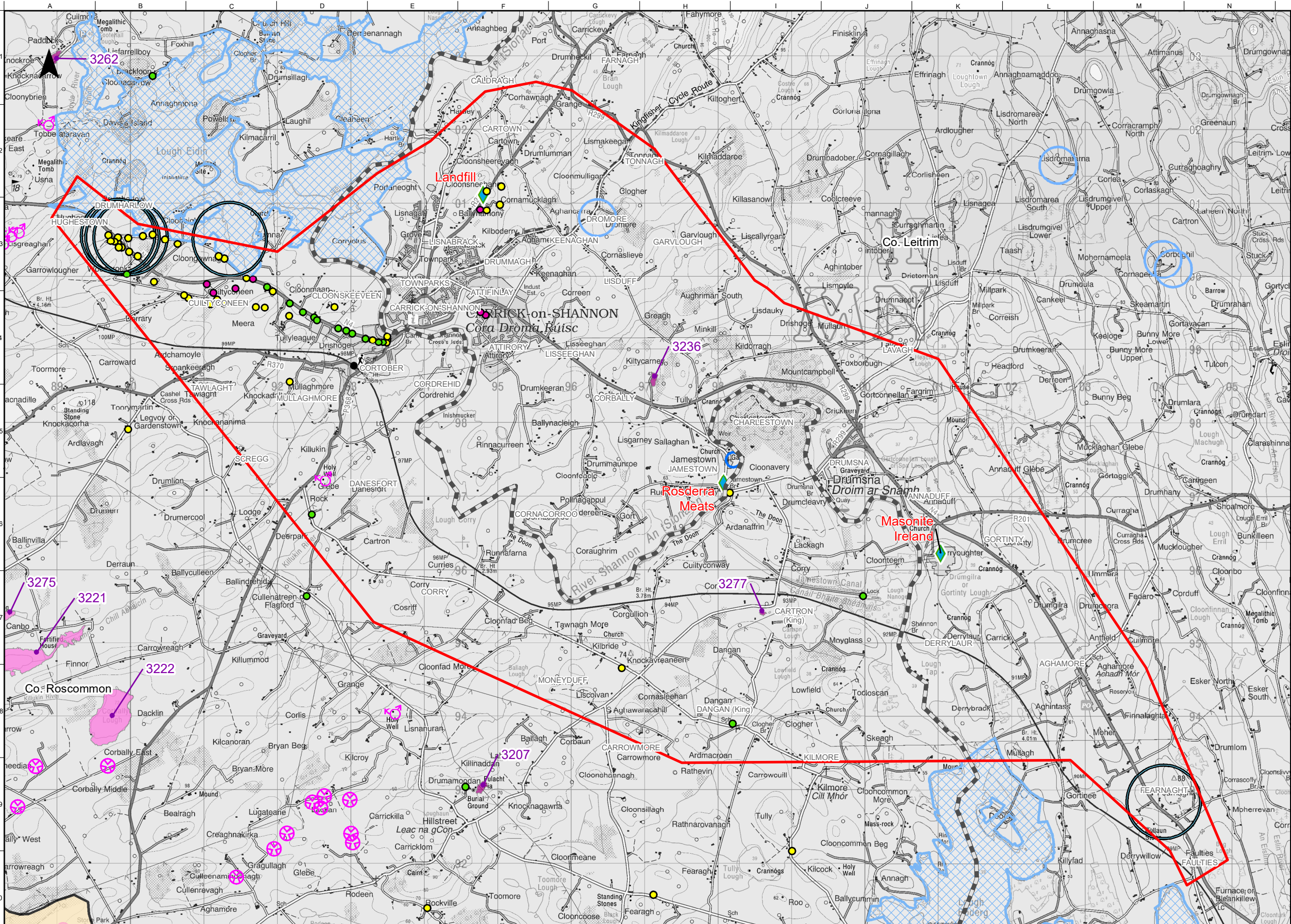


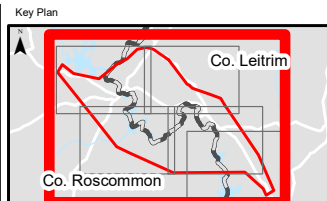


FOR INFORMATION

- Legend**
- Study Area Boundary
 - Roscommon/Leitrim County Boundary
 - Proposed Natural Heritage Area (pNHA)
- Well Localities (Geological Survey Ireland 2020)**
- 10m Location Accuracy
 - 20m Location Accuracy
 - 50m Location Accuracy
 - 200m Location Accuracy
 - 500m Location Accuracy
 - 1km Location Accuracy
- Karst Landforms**
- Enclosed Depression
 - Spring
- Groundwater Discharges and Emissions EPA (2020)**
- Potential discharge to ground
- Groundwater Resources [GSI]**
- Group Scheme Preliminary Source Protection Areas
- Historic Groundwater Flooding**
- Groundwater
 - Groundwater/Surface water

Disclaimer Note:
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Note S  anta:
T  a na srianta at   l  irithe ina bhfoirm dr  acht, d'  headfa   athraithe teacht orthu. Is mar thoradh ar mheas  na  the n  os mionchruinne, ar staid  ear leant  nach agus ar eolas   n bpobal go nd  adfar athruithe ar na srianta seo.



Job Title
N4 Carrick-on-Shannon to Droichead   tha Project

Scale
1 : 50000 @A3

Role
Hydrogeology

Date
July 2021

P07	22/07/2022	AG	LH	EMC
P06	01/03/2022	AG	LH	HK
P05	28/01/2022	AG	LH	HK
P04	23/07/2021	AG	LH	HK
Issued for Information (Status S3)				
Issue	Date	By	Chkd	Appd

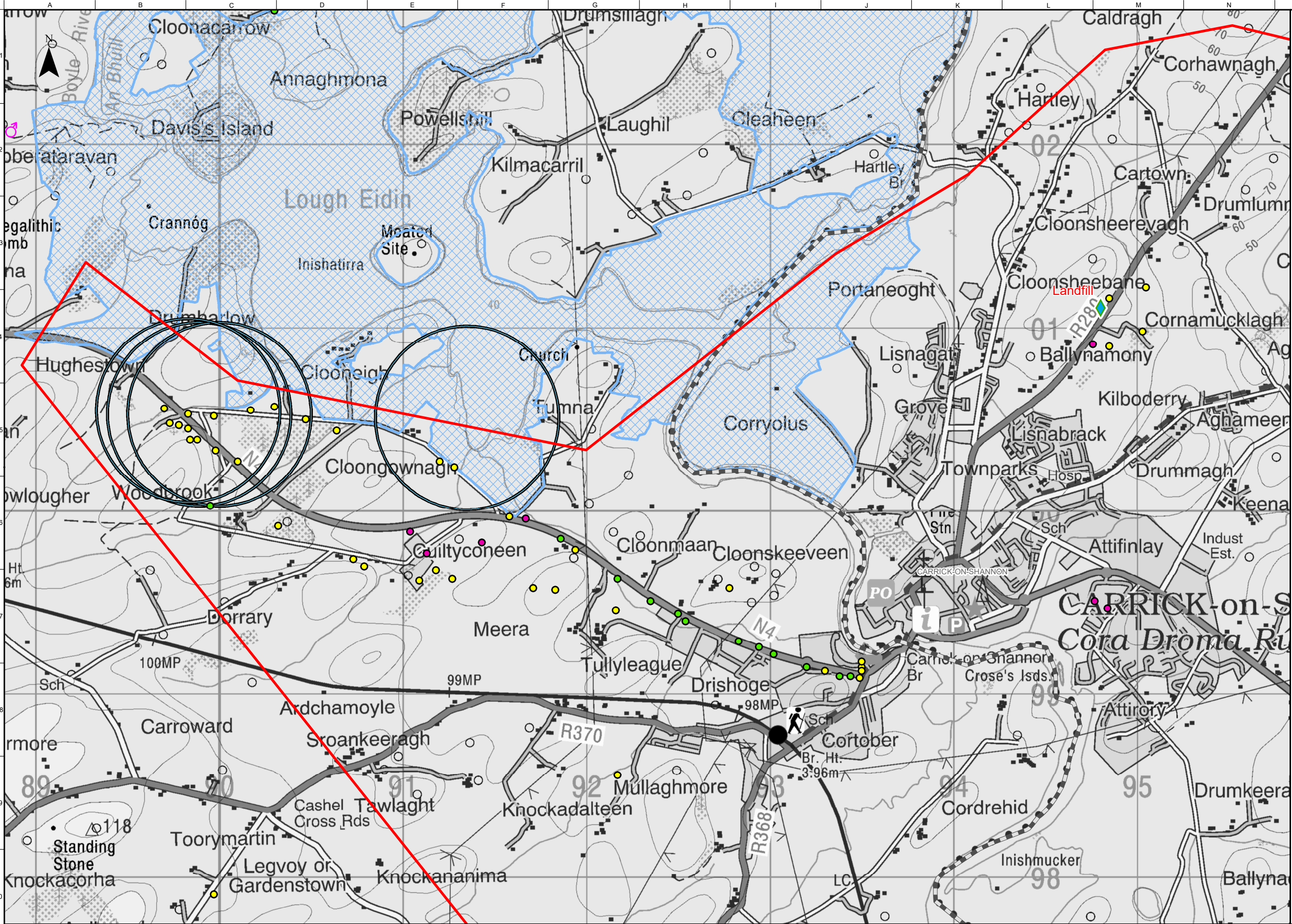
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Drawing Title
Hydrogeology Constraints
Sheet 1 of 6

Suitability
For Information

Job No 274219	Figure ID Figure 4.14.3.0	Rev P07
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Drawing No
274219-ARUP-02-OS-DR-YEHYG-000017



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Proposed Natural Heritage Area (pNHA)

Well Localities (Geological Survey Ireland 2020)

10m Location Accuracy

20m Location Accuracy

50m Location Accuracy

1km Location Accuracy

Karst Landforms

Spring

Groundwater Discharges and Emissions EPA (2020)

Potential discharge to ground

Notes

Disclaimer Note:
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Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale

1 : 20000 @A3

Role

Hydrogeology

Date

July 2021

P07	22/07/2022	AG	LH	EMC
P06	01/03/2022	AG	LH	HK
P05	28/01/2022	AG	LH	HK
P04	23/07/2021	AG	LH	HK
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Drawing Title

Hydrogeology Constraints
Sheet 2 of 6

Suitability

For Information

Job No

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Figure ID

Figure 4.14.3.1

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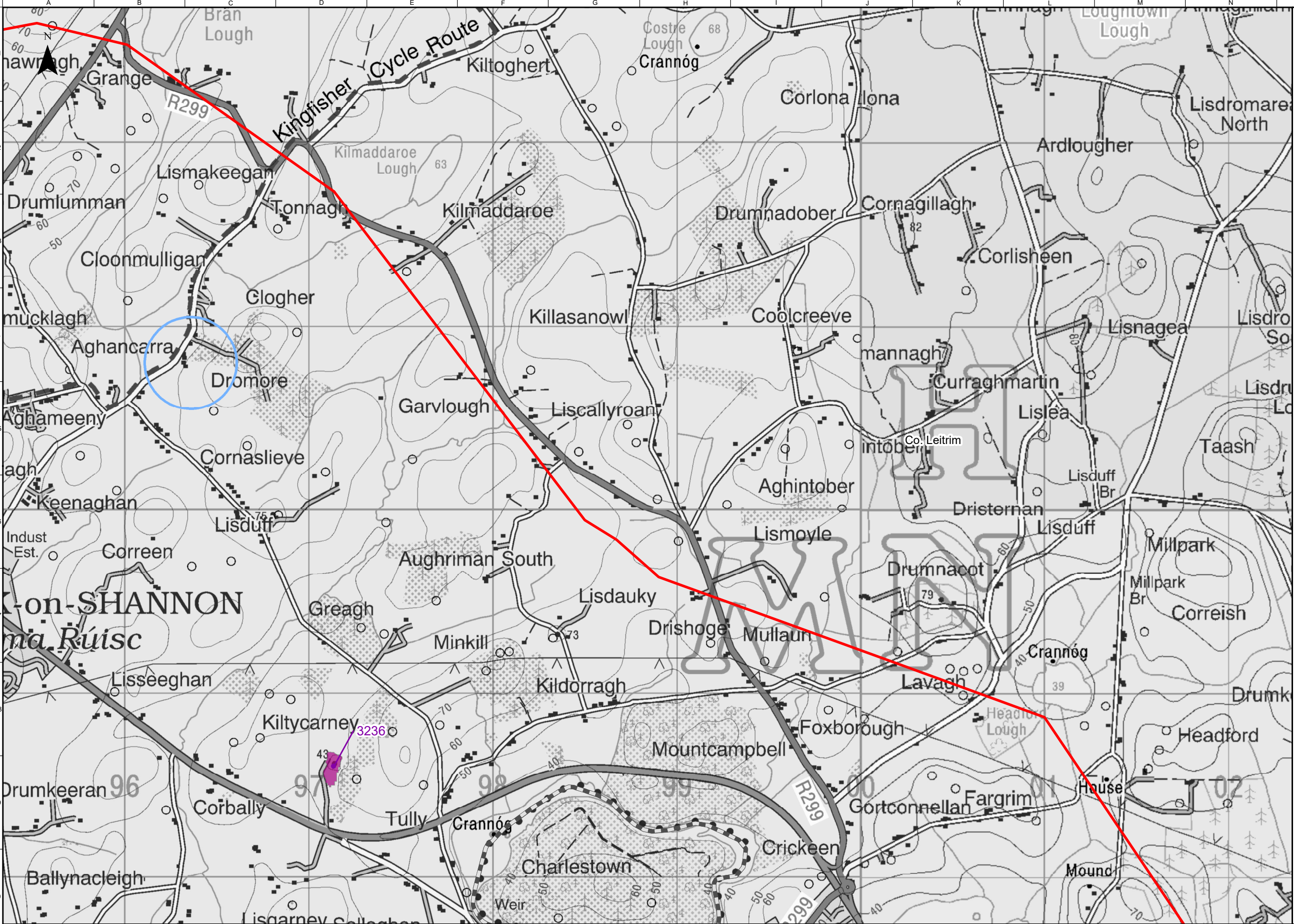
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Legend

- Study Area Boundary
- Roscommon/Leitrim County Boundary
- 500m Location Accuracy
- Historic Groundwater Flooding
- Groundwater

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OSi Licence number 2022/18/CCMA

Notes

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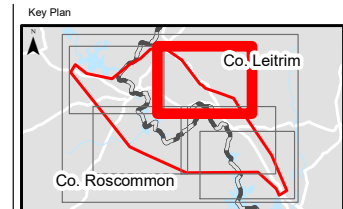
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Job Title
N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale 1 : 20000 @A3

Role Hydrogeology

Date July 2021

P07	22/07/2022	AG	LH	EMC
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P05	28/01/2022	AG	LH	HK
P04	23/07/2021	AG	LH	HK
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Issue	Date	By	Chkd	Appd

Drawing Title
Hydrogeology Constraints
Sheet 3 of 6

Suitability

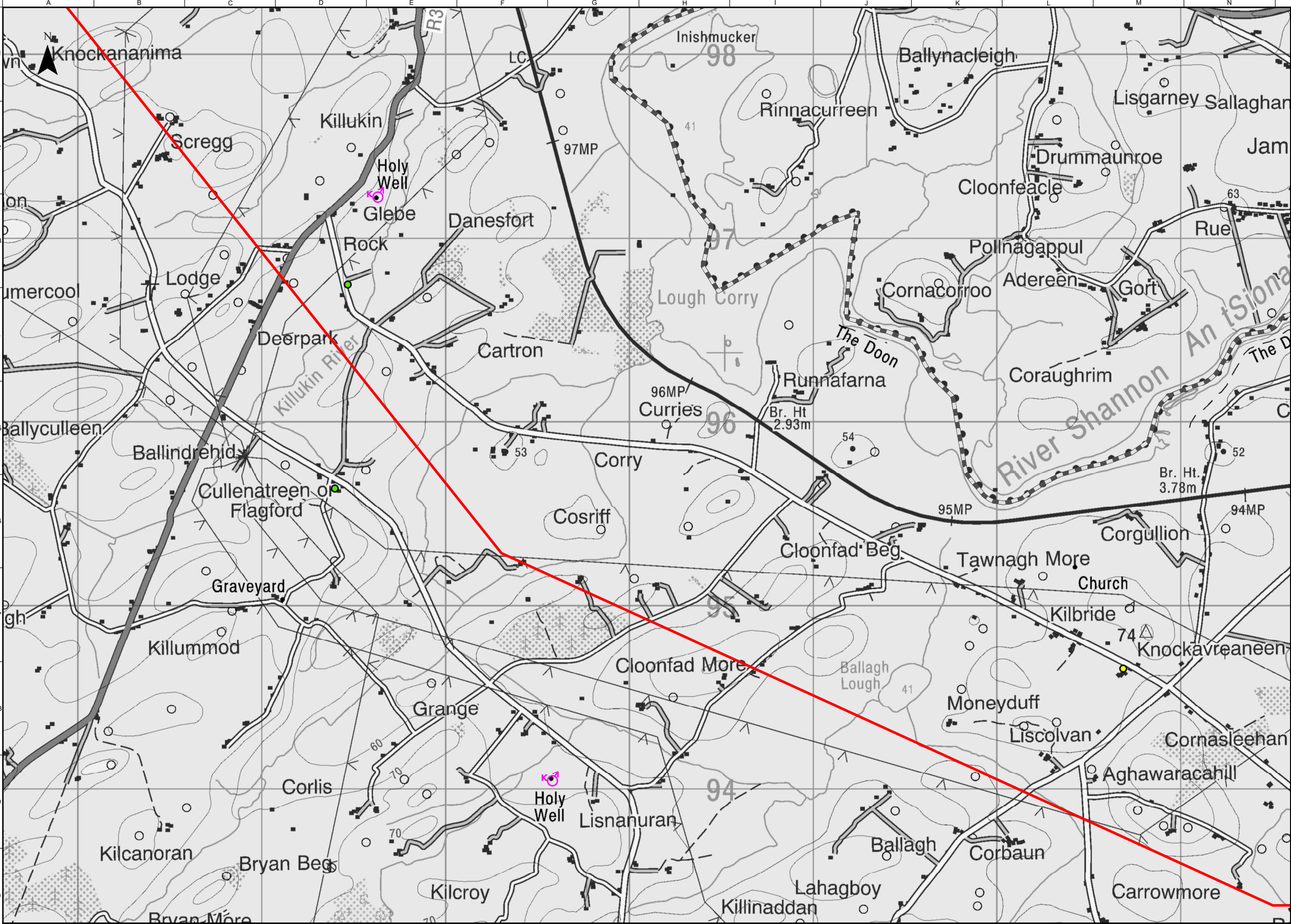
For Information

Job No 274219

Figure ID Figure 4.14.3.2

Rev. P07

Drawing No 274219-ARUP-02-OS-DR-YEHYG-000019



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Well Localities (Geological Survey Ireland 2020)

10m Location Accuracy

20m Location Accuracy

Karst Landforms

Spring

Notes

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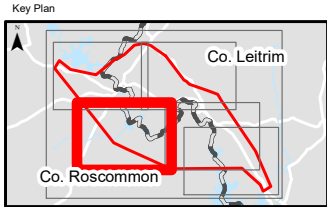
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Job Title
N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale
1 : 20000 @A3

Role
Hydrogeology

Date
July 2021

P07	22/07/2022	AG	LH	EMC
P06	01/03/2022	AG	LH	HK
P05	28/01/2022	AG	LH	HK
P04	23/07/2021	AG	LH	HK
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Drawing Title
Hydrogeology Constraints
Sheet 4 of 6

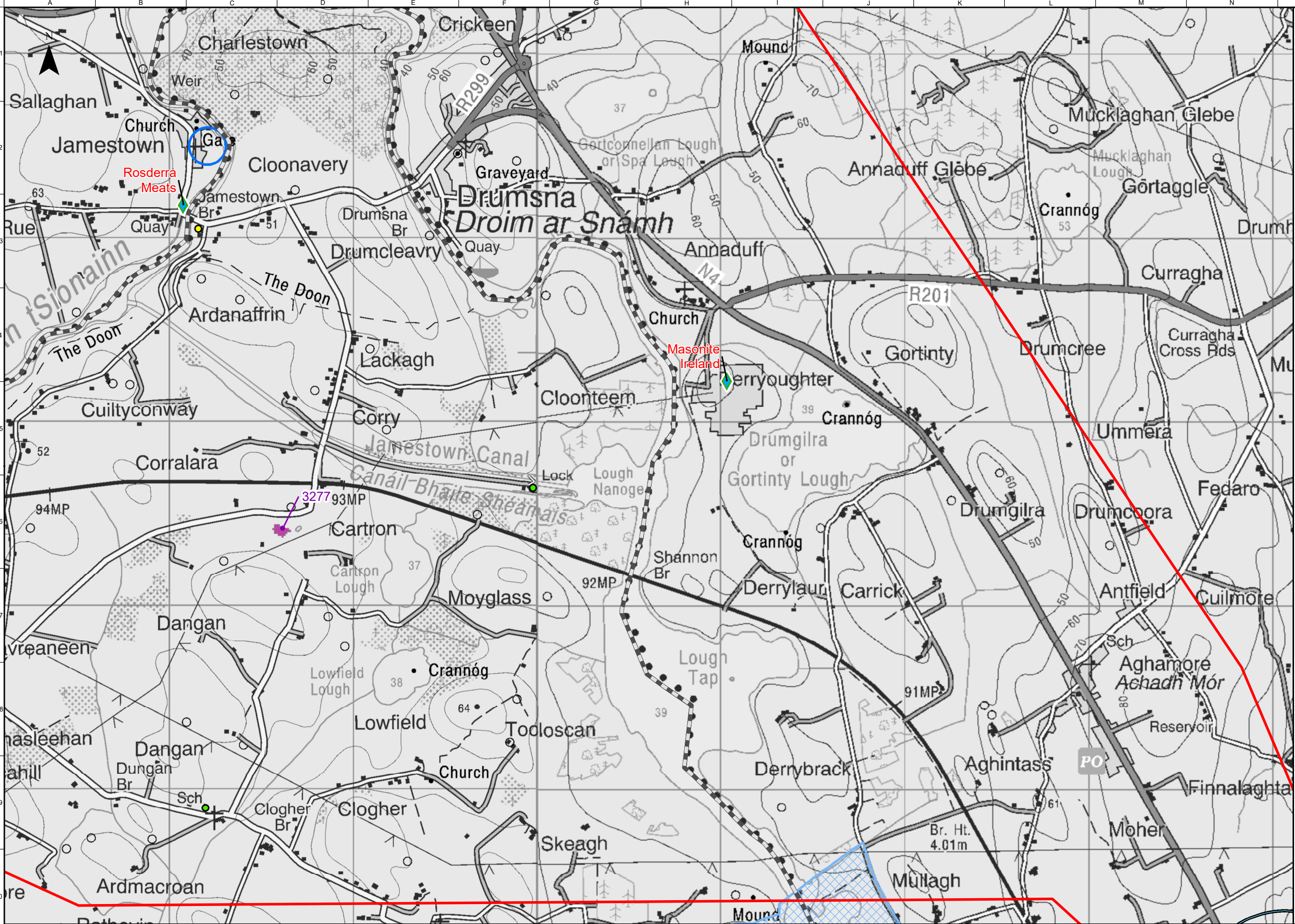
Suitability
For Information

Job No
274219

Figure ID
Figure 4.14.3.3

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P07

Drawing No
274219-ARUP-02-OS-DR-YEHYG-000020



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Proposed Natural Heritage Area (pNHA)

Well Localities (Geological Survey Ireland 2020)

10m Location Accuracy

20m Location Accuracy

200m Location Accuracy

1km Location Accuracy

Groundwater Discharges and Emissions EPA (2020)

Potential discharge to ground

Historic Groundwater Flooding

Groundwater

OSi Licence number 2022/OSI_NMA_139

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Notes

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Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale

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Role

Hydrogeology

Date

July 2021

P07	22/07/2022	AG	LH	EMC
P06	01/03/2022	AG	LH	HK
P05	28/01/2022	AG	LH	HK
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Drawing Title

Hydrogeology Constraints

Sheet 5 of 6

Suitability

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Job No

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Figure ID

Figure 4.14.3.4

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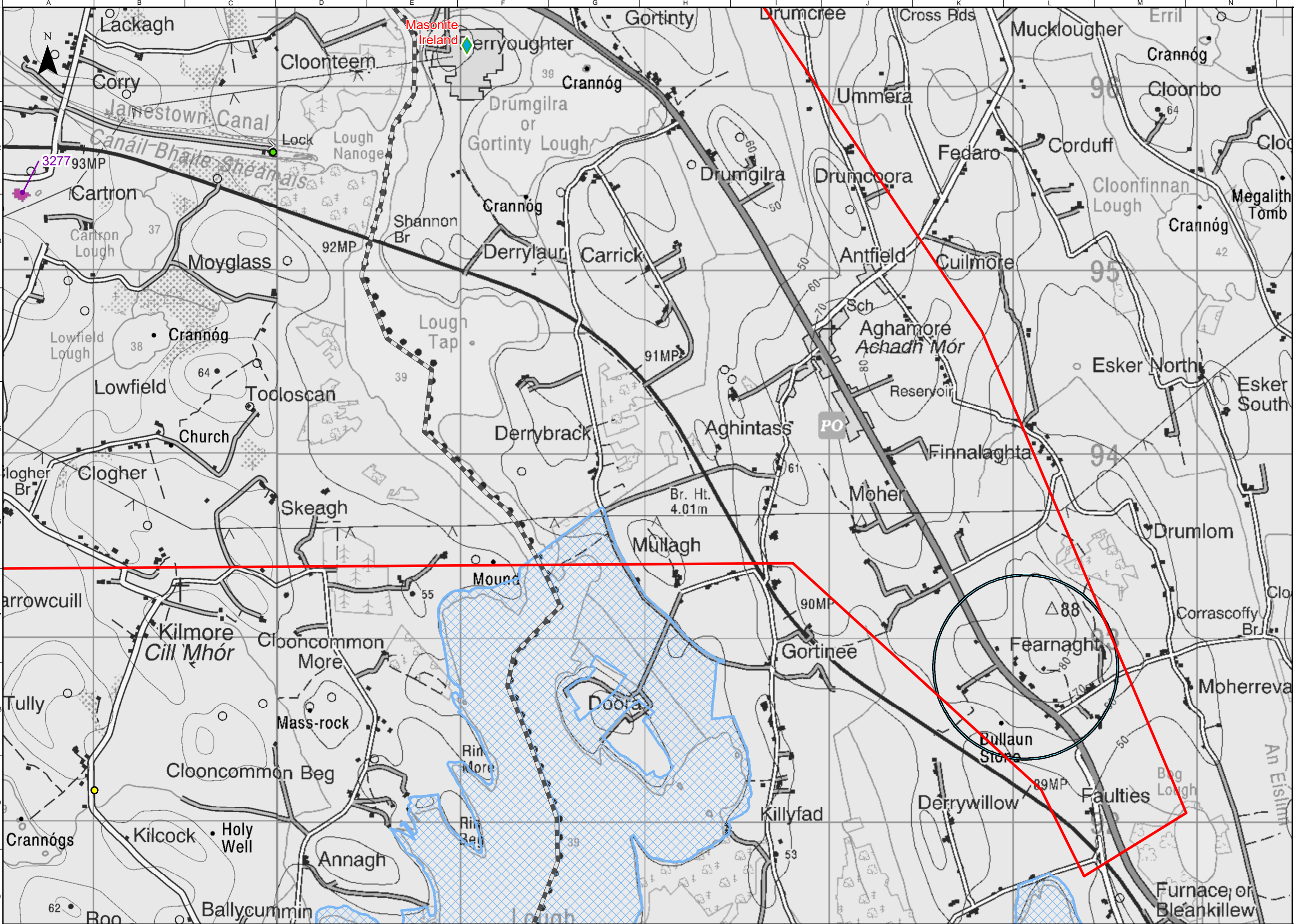
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Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Proposed Natural Heritage Area (pNHA)

Well Localities (Geological Survey Ireland 2020)

10m Location Accuracy

20m Location Accuracy

1km Location Accuracy

Groundwater Discharges and Emissions EPA (2020)

Potential discharge to ground

Historic Groundwater Flooding

Groundwater

OSi Licence number 2022/OSI_NMA_139

OSi Licence number 2022/18/CCMA

Notes

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Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

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Role

Hydrogeology

Date

July 2021

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P05	28/01/2022	AG	LH	HK
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Drawing Title

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Sheet 6 of 6

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Figure 4.14.3.5

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