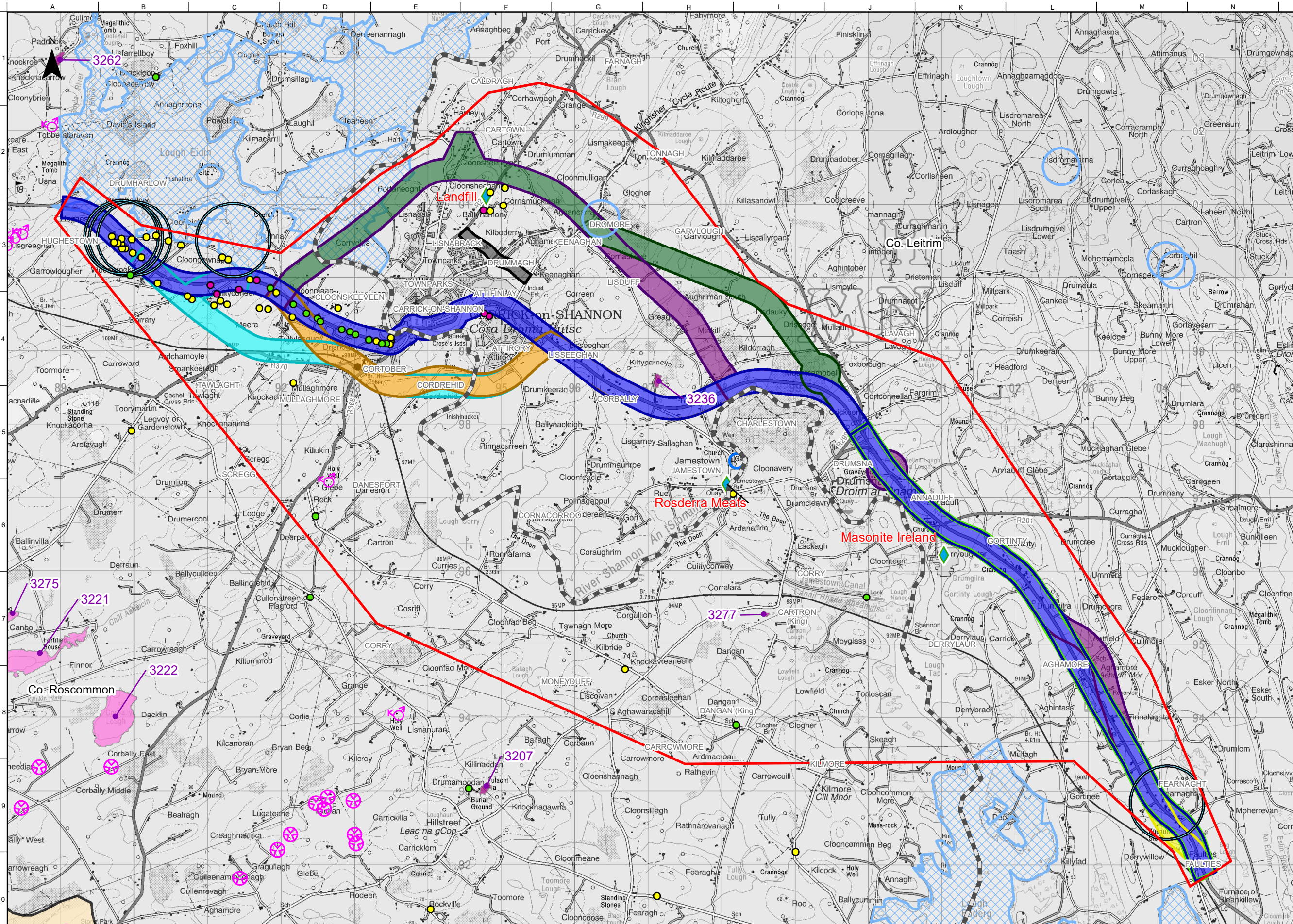




FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

- Cyan Option Corridor
- Orange Option Corridor
- Purple West Option Corridor
- Dark Green Option Corridor
- Blue West Option Corridor
- Black Option Corridor
- Yellow Option Corridor
- Green Option Corridor
- Purple East Option Corridor
- Blue East Option Corridor

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

OSi Licence number 2022/OSI_NMA_139
OSi Licence number 2022/18/CCMA

Disclaimer Note:
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Note Séanta:
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Clients

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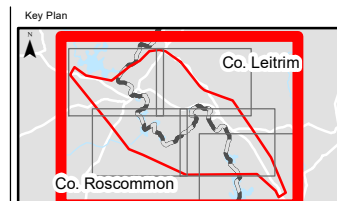
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Job Title
N4 Carrick-on-Shannon to Drom Project

Scale
1 : 50000 @A3

Role
Hydrogeology

Date
October 2021

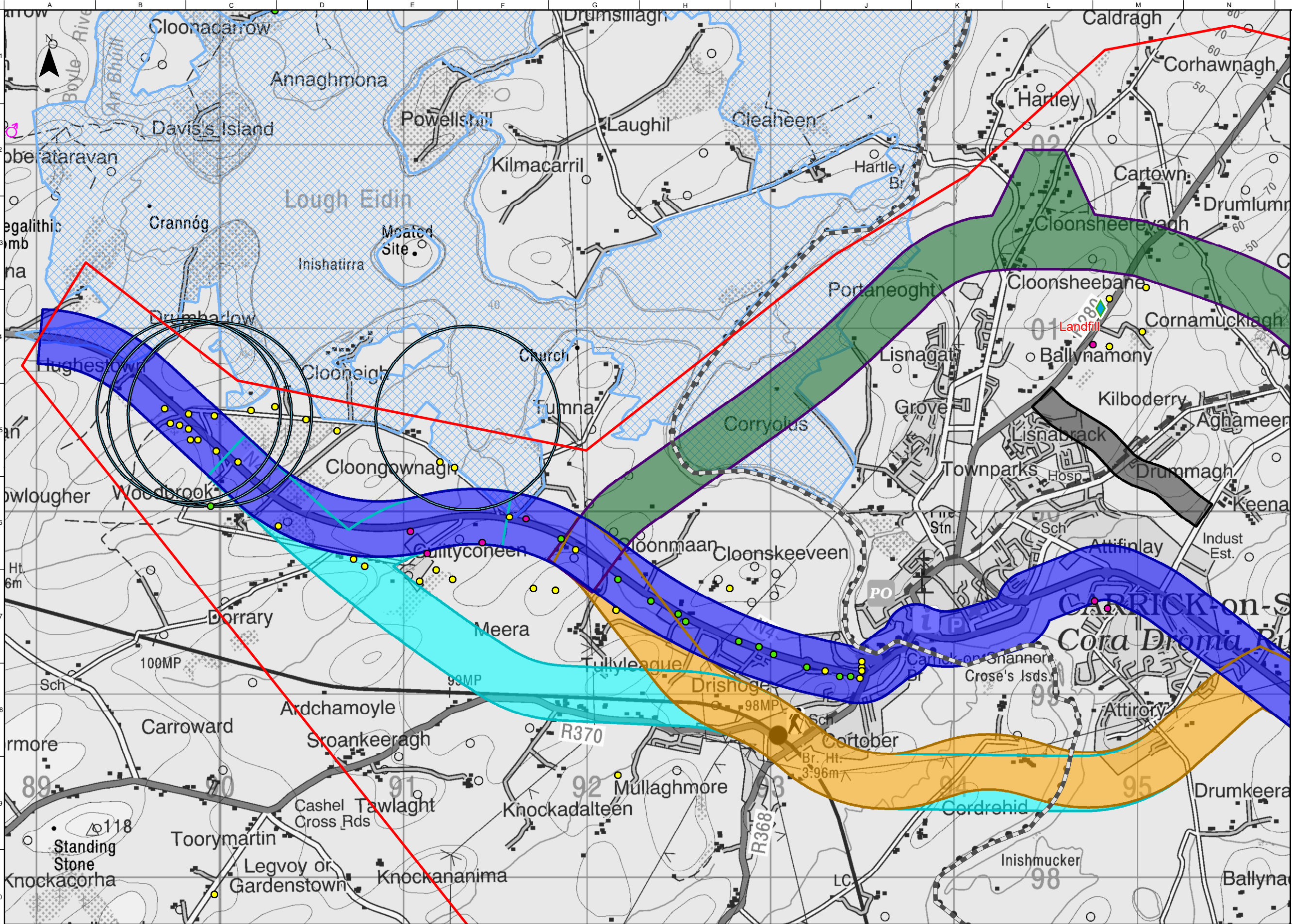
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P01	22/10/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title
Stage 1 Option Corridors
Hydrogeology Constraints
Sheet 1 of 6

Suitability
Issued for Information (Status S3)

Job No 274219 Figure ID Figure 7.5.11.3.0 Rev. P04

Drawing No 274219-ARUP-02-OS-DR-YEHYG-001017



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Purple West Option Corridor

Dark Green Option Corridor

Blue West Option Corridor

Black Option Corridor

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

OSi Licence number 2022/OSI_NMA_139

OSi Licence number 2022/18/CCMA

Notes

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Leitrim County Council

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Roscommon County Council

An Roinn Iompair

Department of Transport

Tionscadal Éireann

Project Ireland

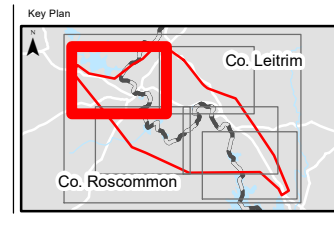
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Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale

1 : 20000 @A3

Role

Hydrogeology

Date

October 2021

P04	22/07/2022	AG	LH	EMC
P03	01/03/2022	AG	LH	HK
P02	28/01/2022	AG	LH	HK
P01	22/10/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 1 Option Corridors

Hydrogeology Constraints

Sheet 2 of 6

Suitability

Issued for Information (Status S3)

Job No

274219

Figure ID

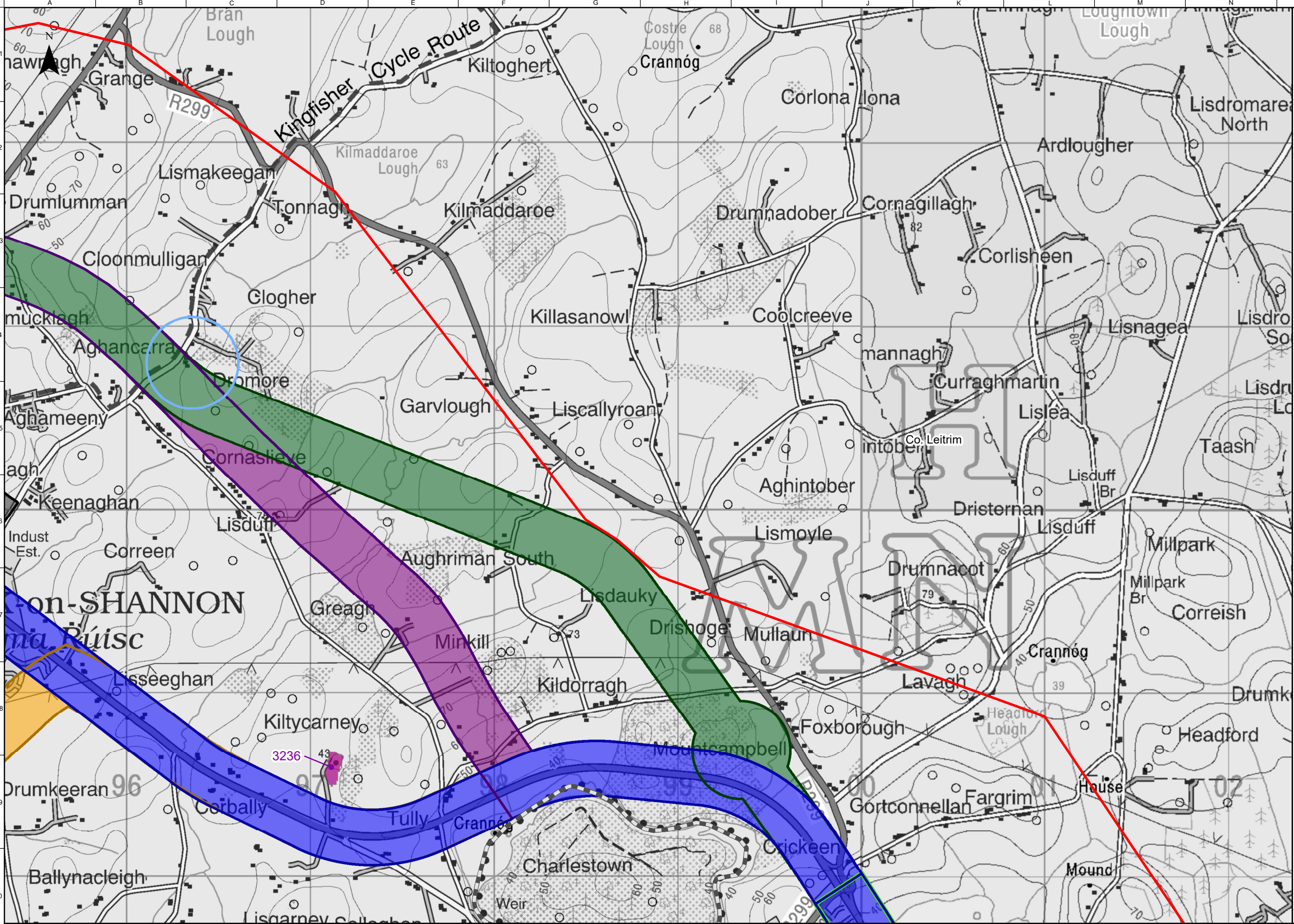
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Rev.

P04

Drawing No

274219-ARUP-02-OS-DR-YEHYG-001018



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Purple West Option Corridor

Dark Green Option Corridor

Blue West Option Corridor

Black Option Corridor

Yellow Option Corridor

Green Option Corridor

Purple East Option Corridor

Blue East Option Corridor

500m Location Accuracy

Historic Groundwater Flooding

Groundwater

Notes

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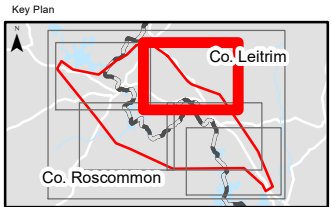
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Job Title
N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale 1 : 20000 @A3

Role Hydrogeology

Date October 2021

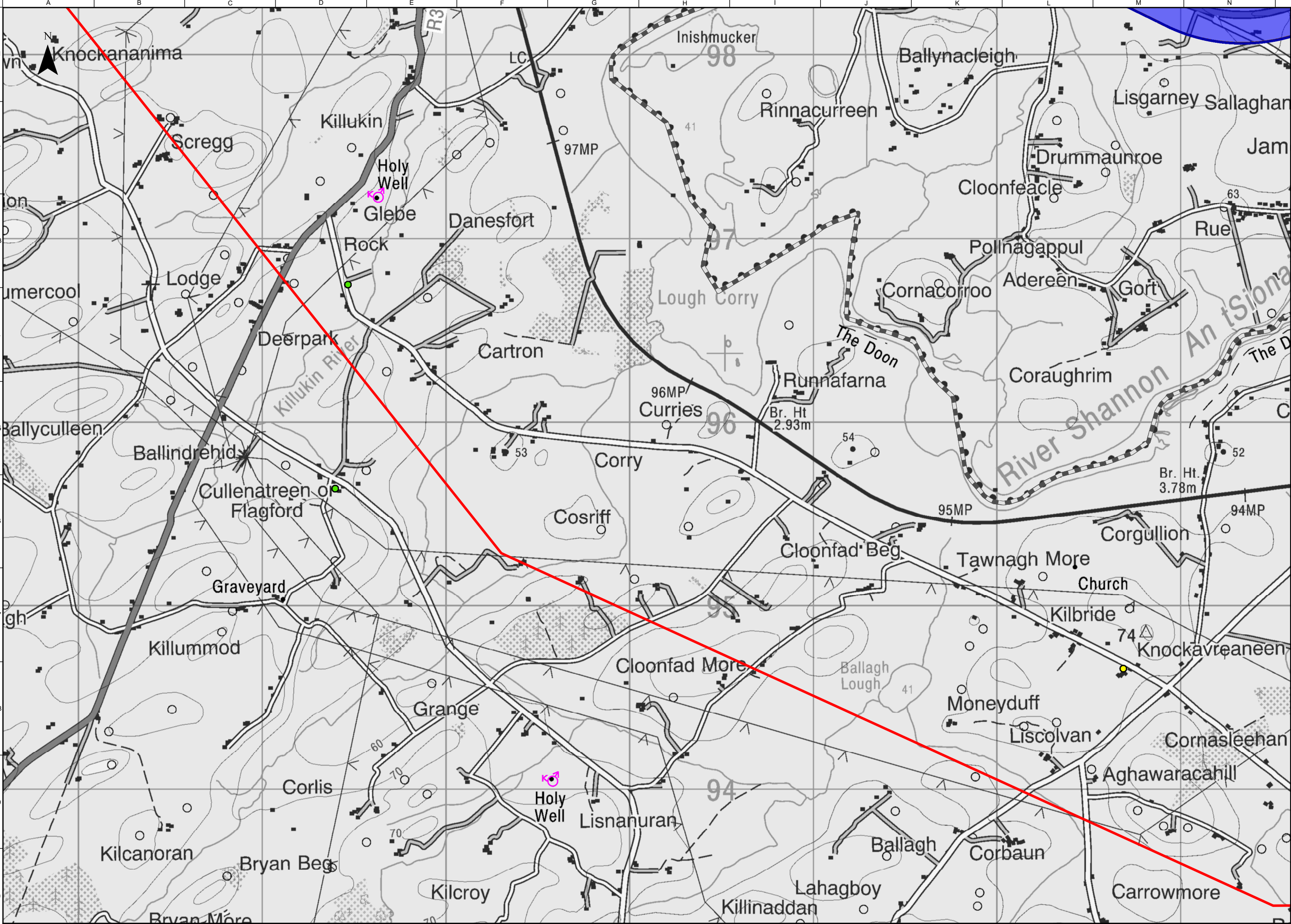
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Issue	Date	By	Chkd	Appd

Drawing Title
Stage 1 Option Corridors
Hydrogeology Constraints
Sheet 3 of 6

Suitability
Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.11.3.2	P04

Drawing No
274219-ARUP-02-OS-DR-YEHYG-001019



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Blue West Option Corridor

Well Localities (Geological Survey Ireland 2020)

10m Location Accuracy

20m Location Accuracy

Karst Landforms

Spring

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

Scale 1 : 20000 @A3

Role Hydrogeology

Date October 2021

P04	22/07/2022	AG	LH	EMC
P03	01/03/2022	AG	LH	HK
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P01	22/10/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 1 Option Corridors
Hydrogeology Constraints
Sheet 4 of 6

Suitability

Issued for Information (Status S3)

Job No 274219

Figure ID Figure 7.5.11.3.3

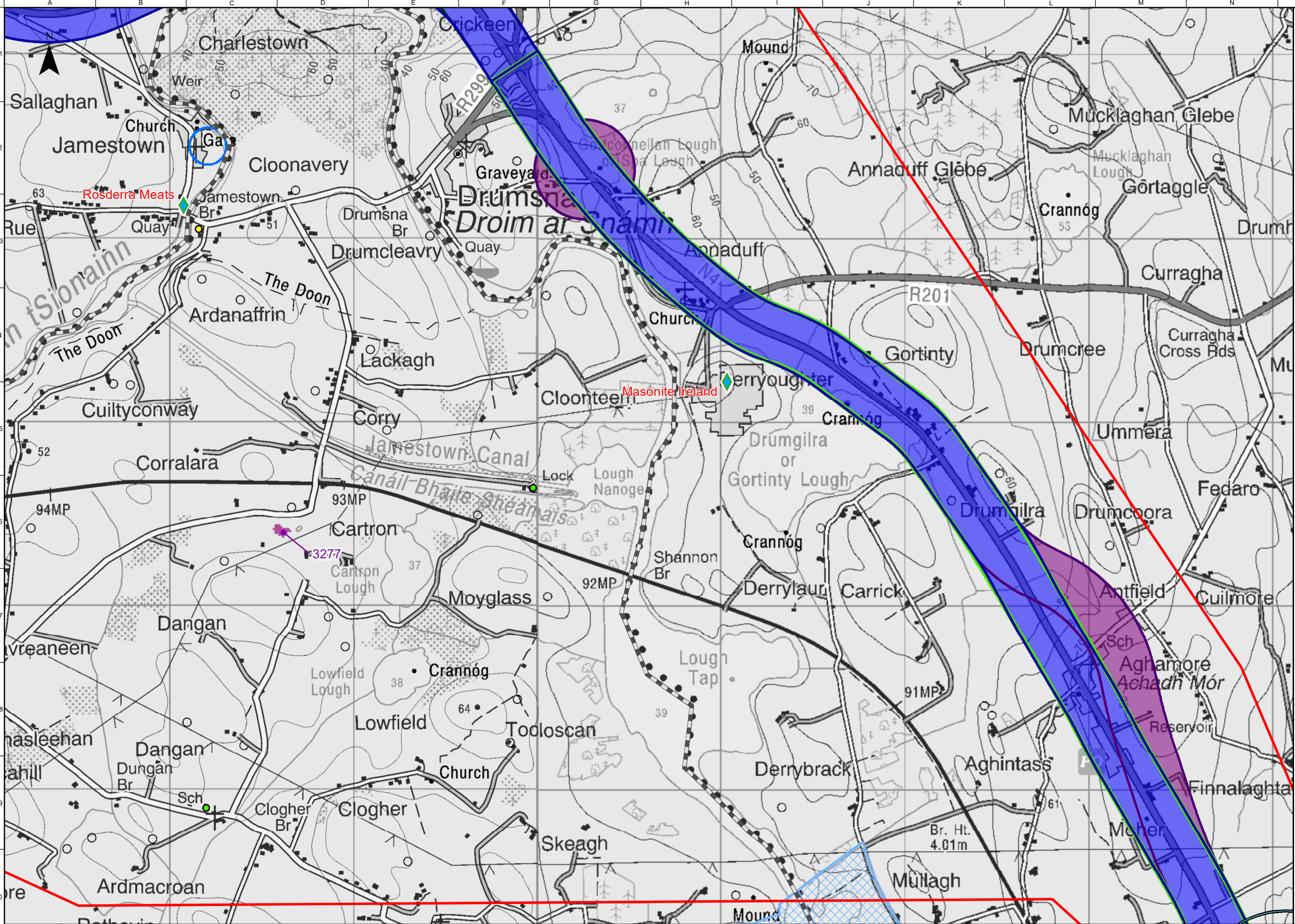
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274219-ARUP-02-OS-DR-YEHYG-001020

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Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Purple West Option Corridor

Dark Green Option Corridor

Blue West Option Corridor

Yellow Option Corridor

Green Option Corridor

Purple East Option Corridor

Blue East Option Corridor

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

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

Scale: 1 : 20000 @A3

Role: Hydrogeology

Date: October 2021

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P01	22/10/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title
Stage 1 Option Corridors
Hydrogeology Constraints
Sheet 5 of 6

Suitability
Issued for Information (Status S3)

Job No
274219

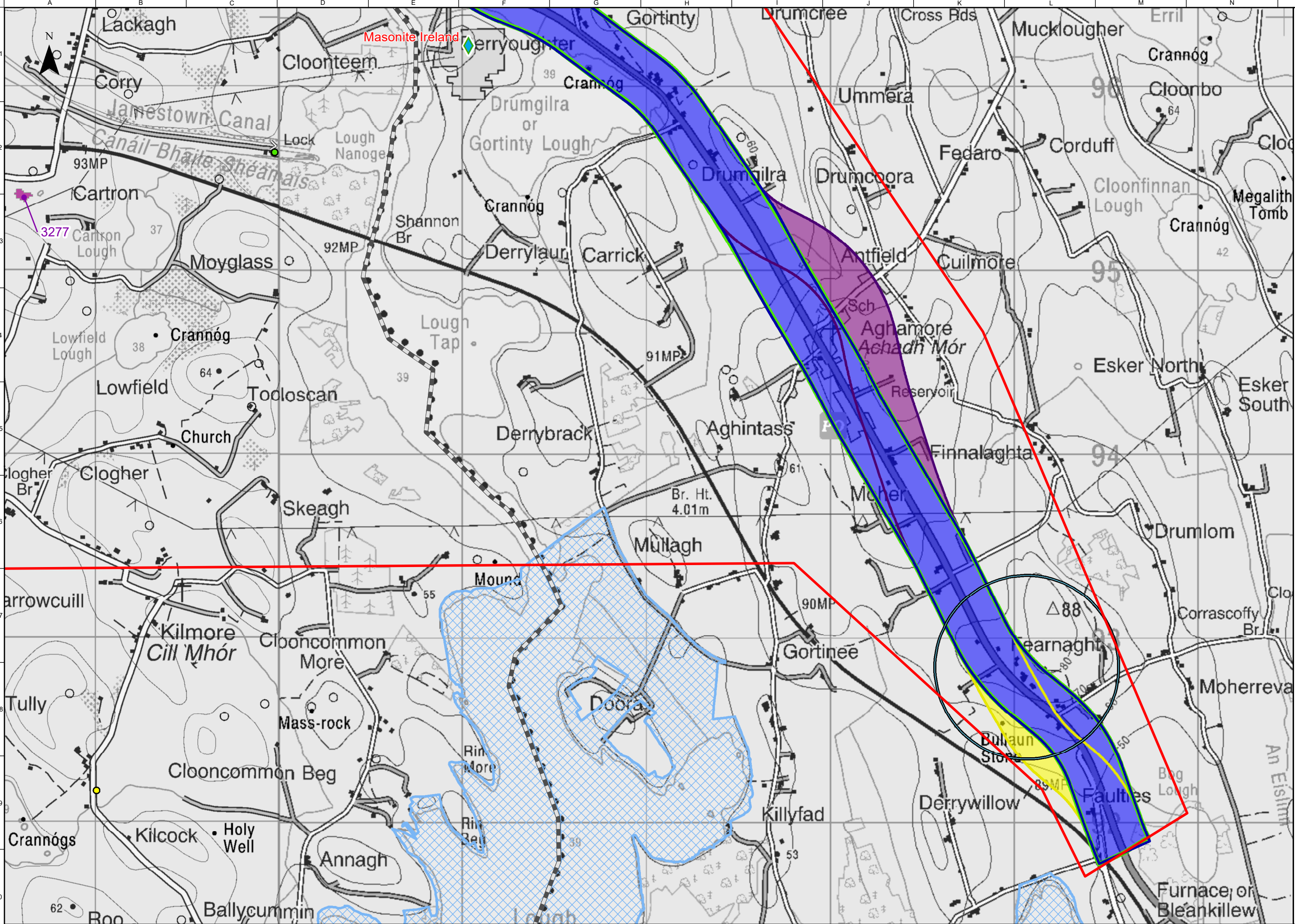
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P04

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

Yellow Option Corridor

Green Option Corridor

Purple East Option Corridor

Blue East Option Corridor

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

Scale 1 : 20000 @A3

Role Hydrogeology

Date October 2021

P04	22/07/2022	AG	LH	EMC
P03	01/03/2022	AG	LH	HK
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P01	22/10/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 1 Option Corridors
Hydrogeology Constraints
Sheet 6 of 6

Suitability

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274219	Figure 7.5.11.3.5	P04

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