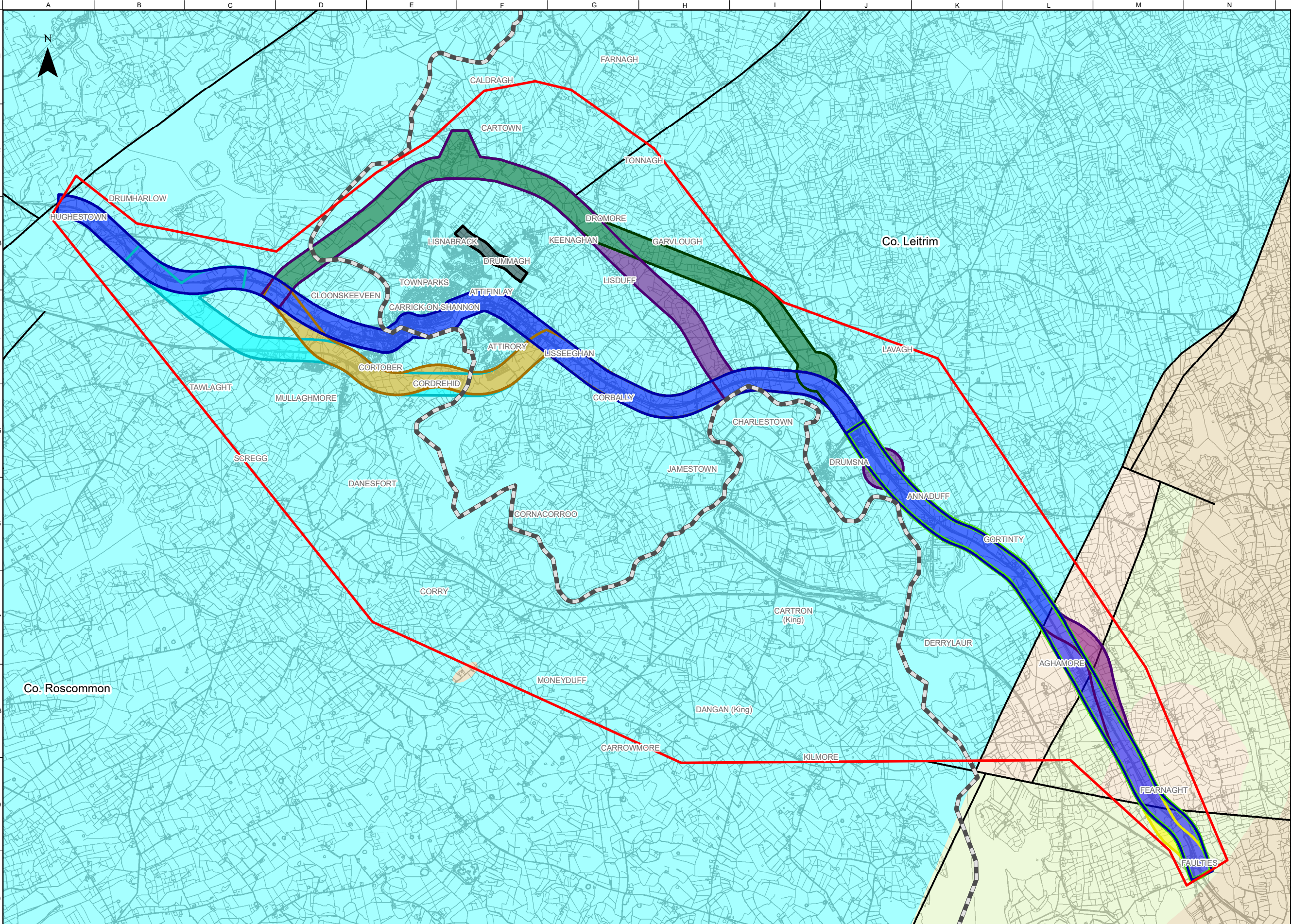




FOR INFORMATION

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

Aquifer Bedrock Faultline

Aquifer Bedrock

Rkc - Regionally Important Aquifer - Karstified (conduit)

Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive

LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones

PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

Notes

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Leitrim County Council

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Roscommon County Council

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Job Title
N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale 1 : 50000 @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
Aquifer Mapping
Sheet 1 of 6

Issued for Information (Status S3)

Job No
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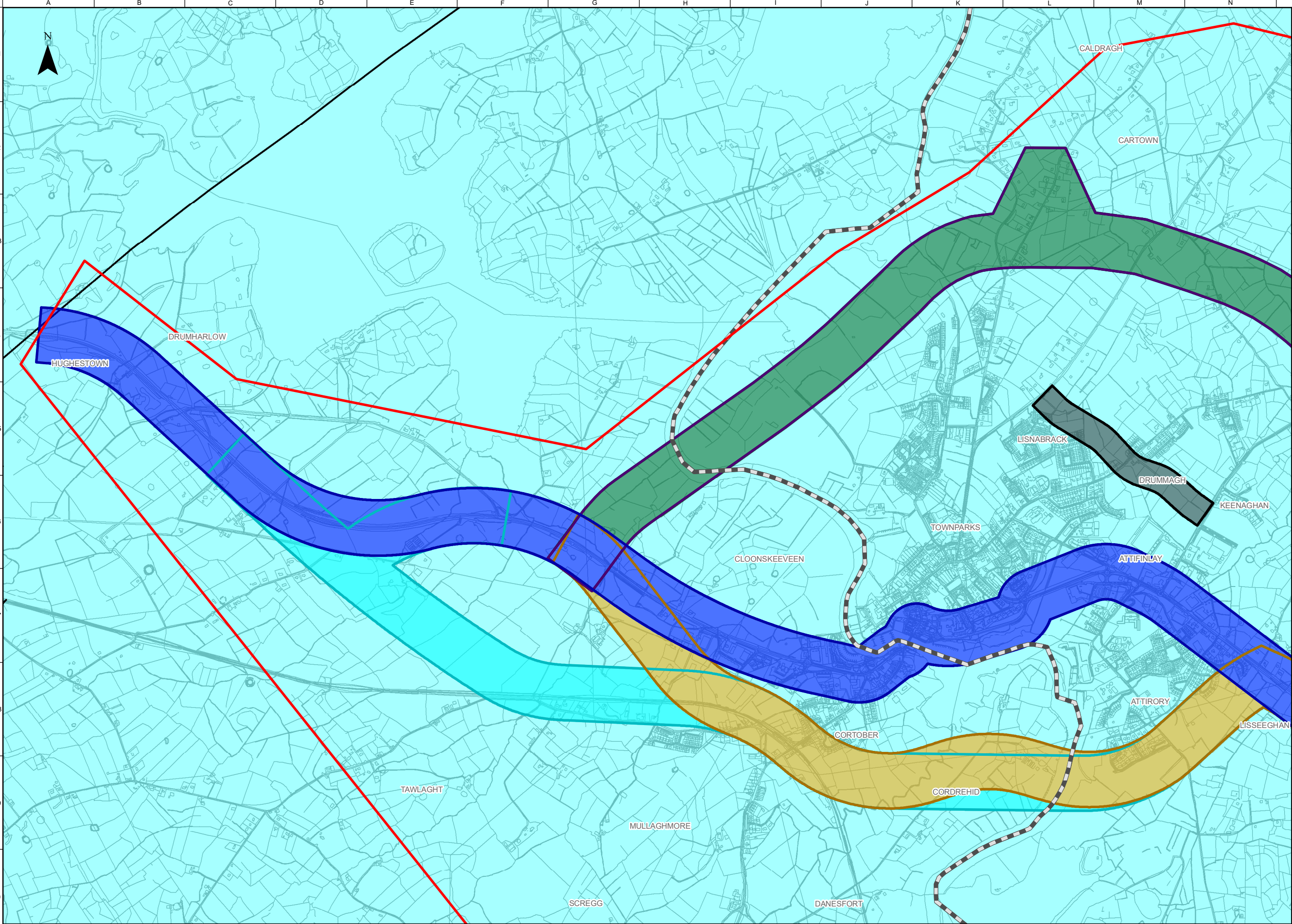
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Rev.
P04

Drawing No
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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

Black Option Corridor

Aquifer Bedrock Faultline

Aquifer Bedrock

Rkc - Regionally Important Aquifer

- Karstified (conduit)

Notes

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**Comhairle Chontae Liatroma
Leitrim County Council**

**Comhairle Contae Ros Comáin
Roscommon County Council**

**An Roinn Iompair
Department of Transport**

**Tionscadal Éireann
Project Ireland
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Job Title
N4 Carrick-on-Shannon to Dromed Project

Carrick-on-Shannon to Dromed

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
Aquifer Mapping
Sheet 2 of 6

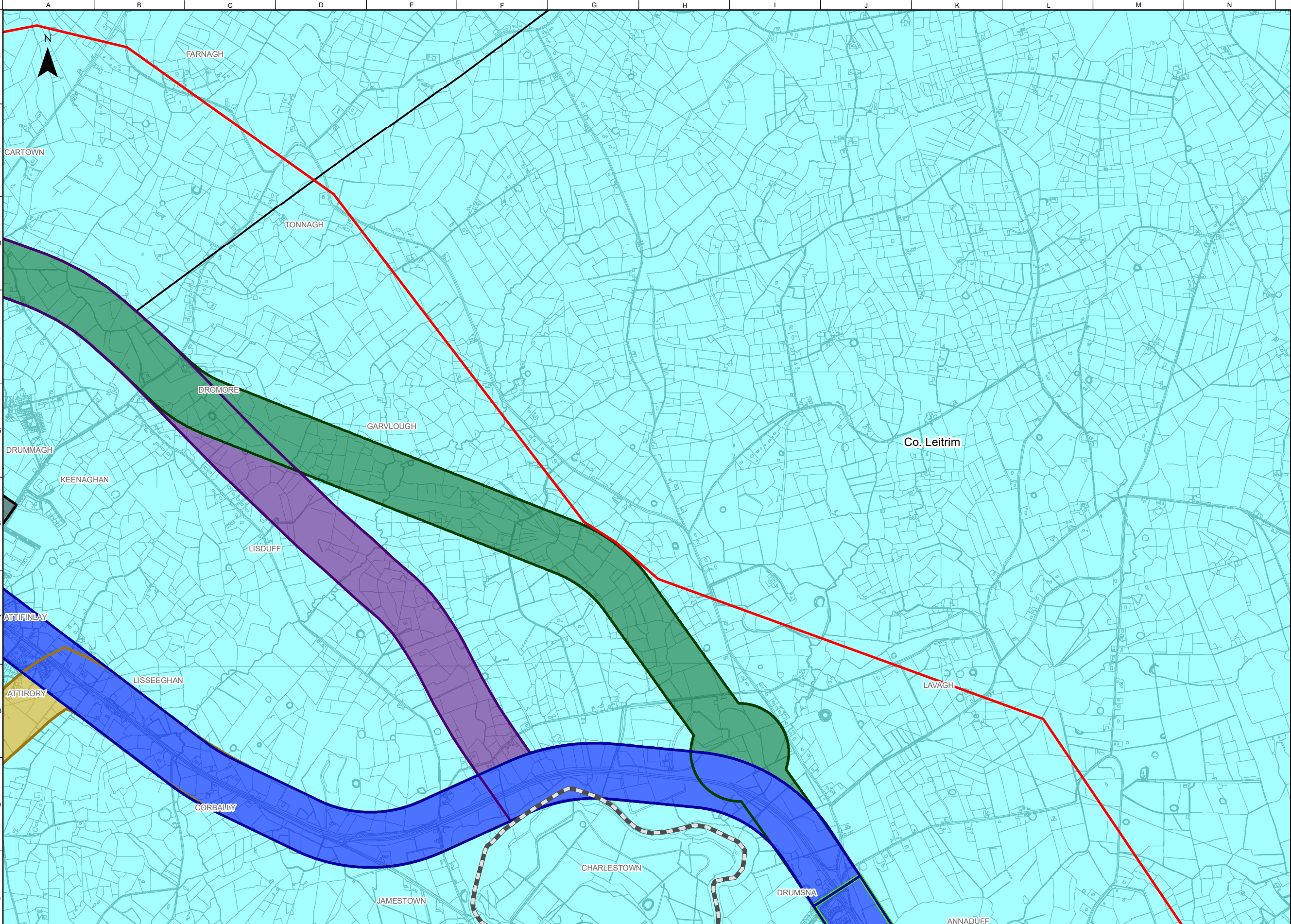
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Legend

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

Black Option Corridor

Yellow Option Corridor

Green Option Corridor

Purple East Option Corridor

Blue East Option Corridor

Aquifer Bedrock Faultline

Aquifer Bedrock

Rkc - Regionally Important Aquifer

- Karstified (conduit)

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

Notes
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Clients

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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
Aquifer Mapping
Sheet 3 of 6

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Job No

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Figure ID

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Rev.

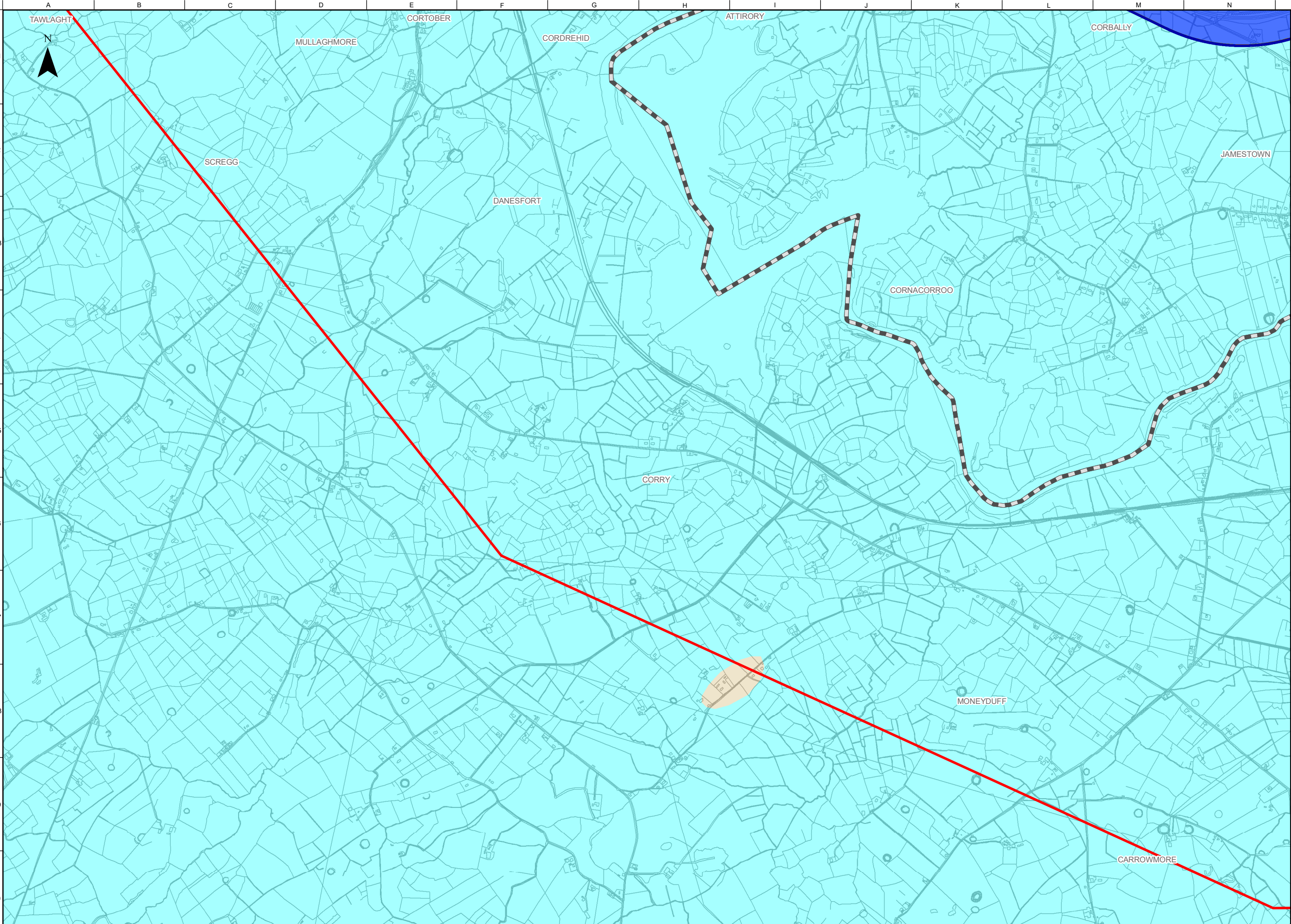
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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Blue West Option Corridor

Aquifer Bedrock

Rkc - Regionally Important Aquifer - Karstified (conduit)

LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones

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Clients



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Department of Transport



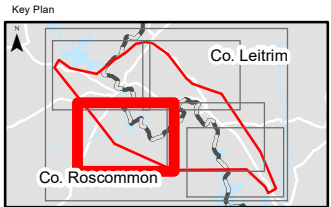
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Job Title

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
Aquifer Mapping
Sheet 4 of 6

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Job No

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Figure ID

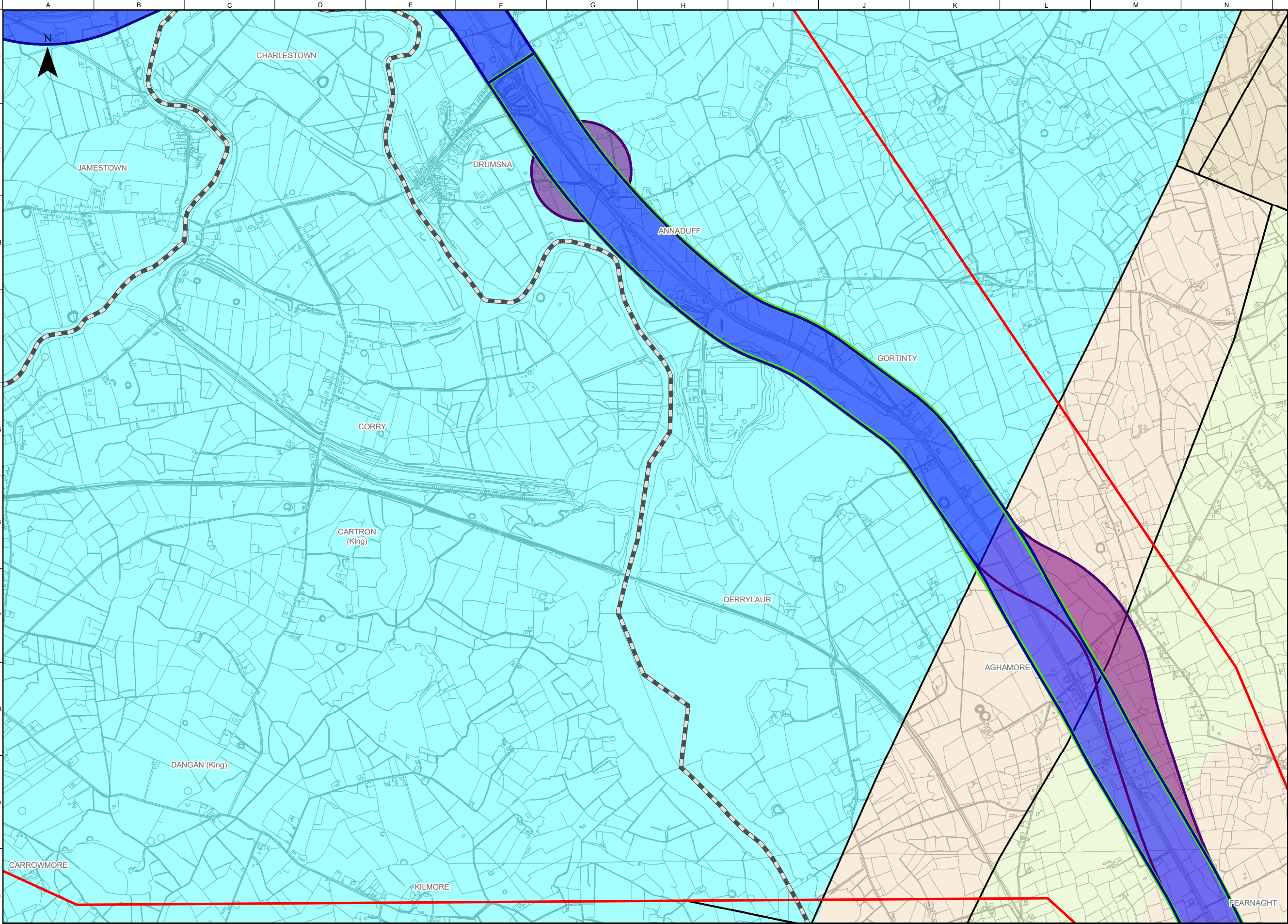
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Drawing No

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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

Yellow Option Corridor

Green Option Corridor

Purple East Option Corridor

Blue East Option Corridor

Aquifer Bedrock Faultline

Aquifer Bedrock

Rkc - Regionally Important Aquifer - Karstified (conduit)

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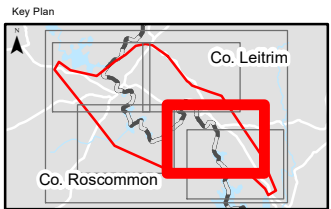
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Roscommon County Council

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Department of Transport

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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
Aquifer Mapping
Sheet 5 of 6
Suitability

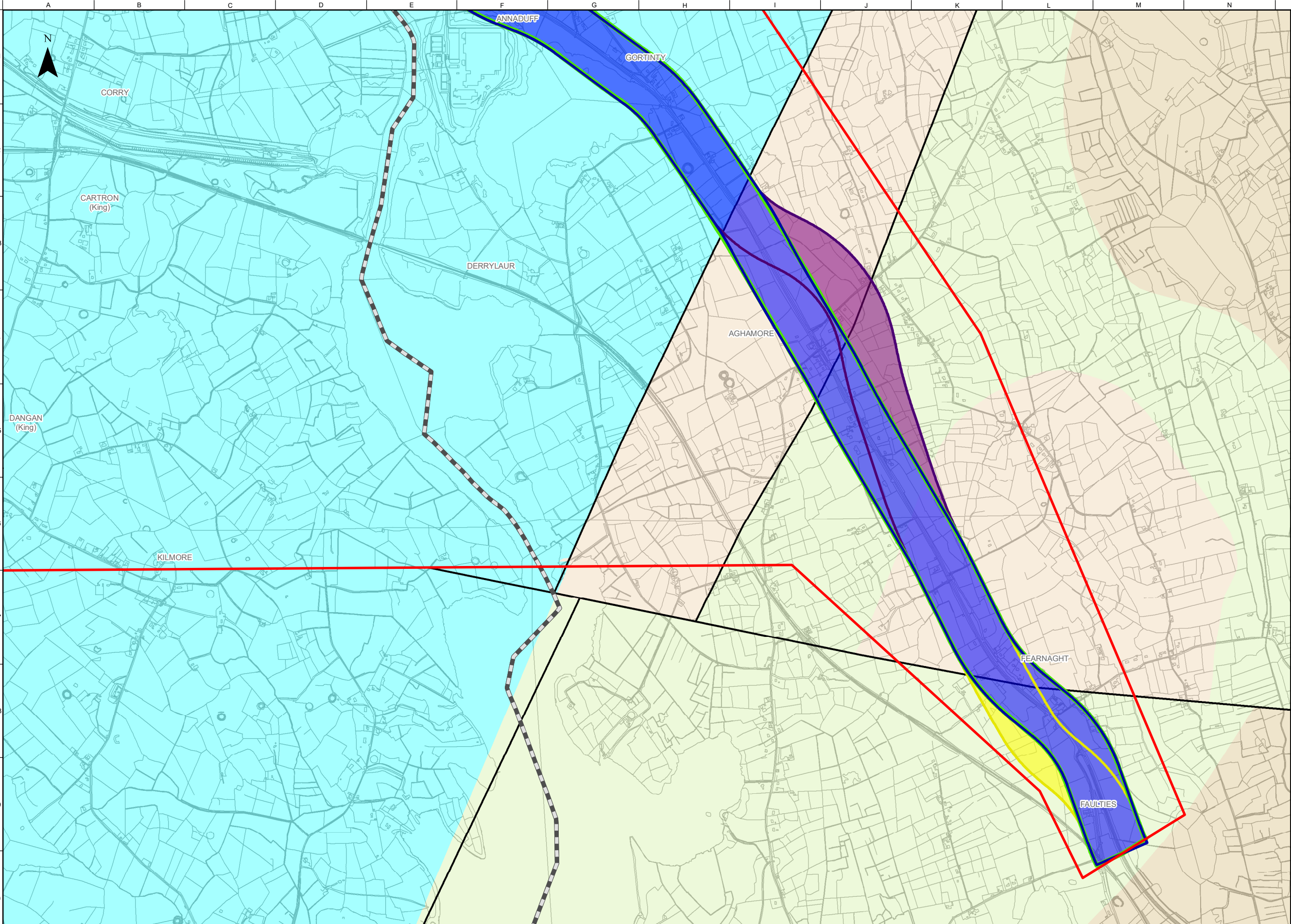
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Job No
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Figure ID
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Rev.
P04

Drawing No
274219-ARUP-02-OS-DR-YEHYG-001013



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

Aquifer Bedrock Faultline

Aquifer Bedrock

Rkc - Regionally Important Aquifer - Karstified (conduit)

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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

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
Aquifer Mapping
Sheet 6 of 6

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Figure ID

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