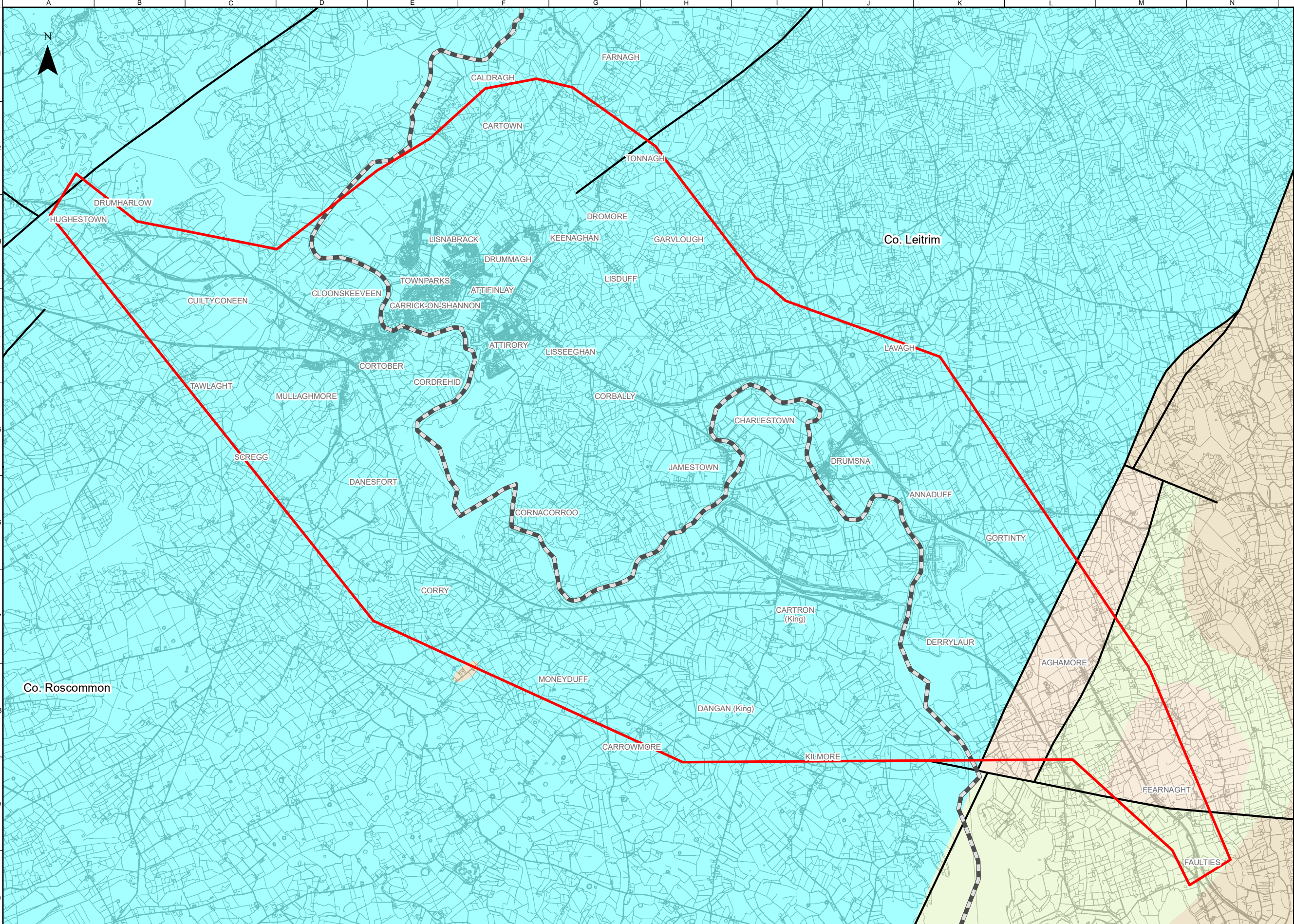




FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

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

OSi Licence number 2022/OSI_NMA_139

OSi Licence number 2022/18/CCMA

Notes

Disclaimer Note:

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Clients

Comhairle Chontae Liatroma
Leitrim County Council

Comhairle Contae Ros Comáin
Roscommon County Council

An Roinn Iompair
Department of Transport

Tionscadal Éireann
Project Ireland
2040

Tionnagar Iomair Éireann
Transport Infrastructure Ireland

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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

July 2021

P06	22/07/2022	AG	LH	EMC
P05	01/03/2022	AG	LH	HK
P04	28/01/2022	AG	LH	HK
P03	23/07/2021	AG	LH	HK

Issued for Information (Status S3)

Issue	Date	By	Chkd	Appd

Drawing Title

Hydrogeology Constraints
Aquifer Mapping
Sheet 1 of 6

Suitability

For Information

Job No

274219

Figure ID

Figure 4.14.2.0

Rev.

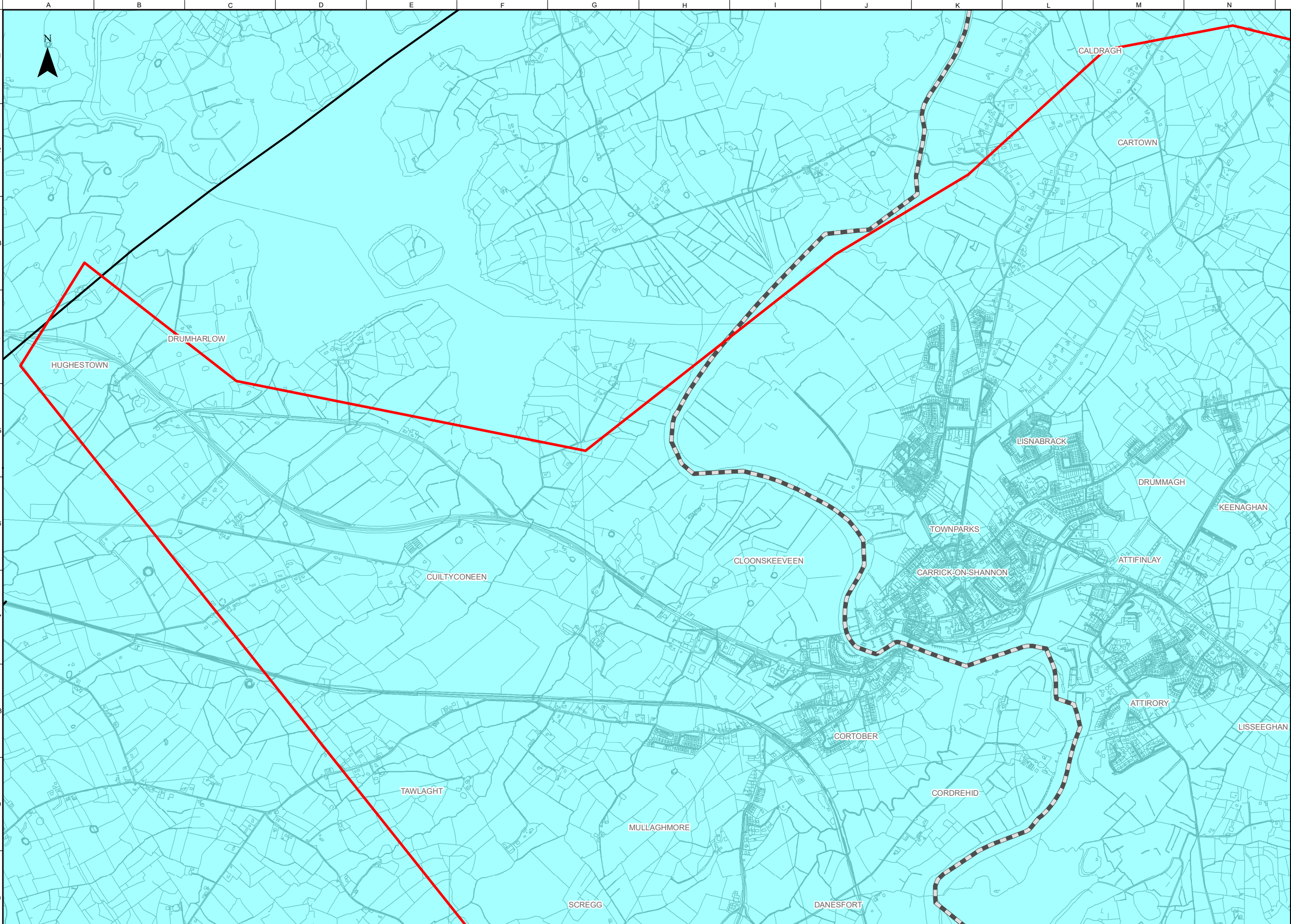
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Drawing No

274219-ARUP-02-OS-DR-YEHYG-000009

Do not scale

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

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

Comhairle Chontae Liatroma
Leitrim County Council

Comhairle Contae Ros Comáin
Roscommon County Council

An Roinn Iompair
Department of Transport

Tionscadal Éireann
Project Ireland
2040

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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

P06	22/07/2022	AG	LH	EMC
P05	01/03/2022	AG	LH	HK
P04	28/01/2022	AG	LH	HK
P03	23/07/2021	AG	LH	HK
Issued for Information (Status S3)				
Issue	Date	By	Chkd	Appd

Drawing Title

Hydrogeology Constraints
Aquifer Mapping
Sheet 2 of 6

Suitability

For Information

Job No

274219

Figure ID

Figure 4.14.2.1

Rev.

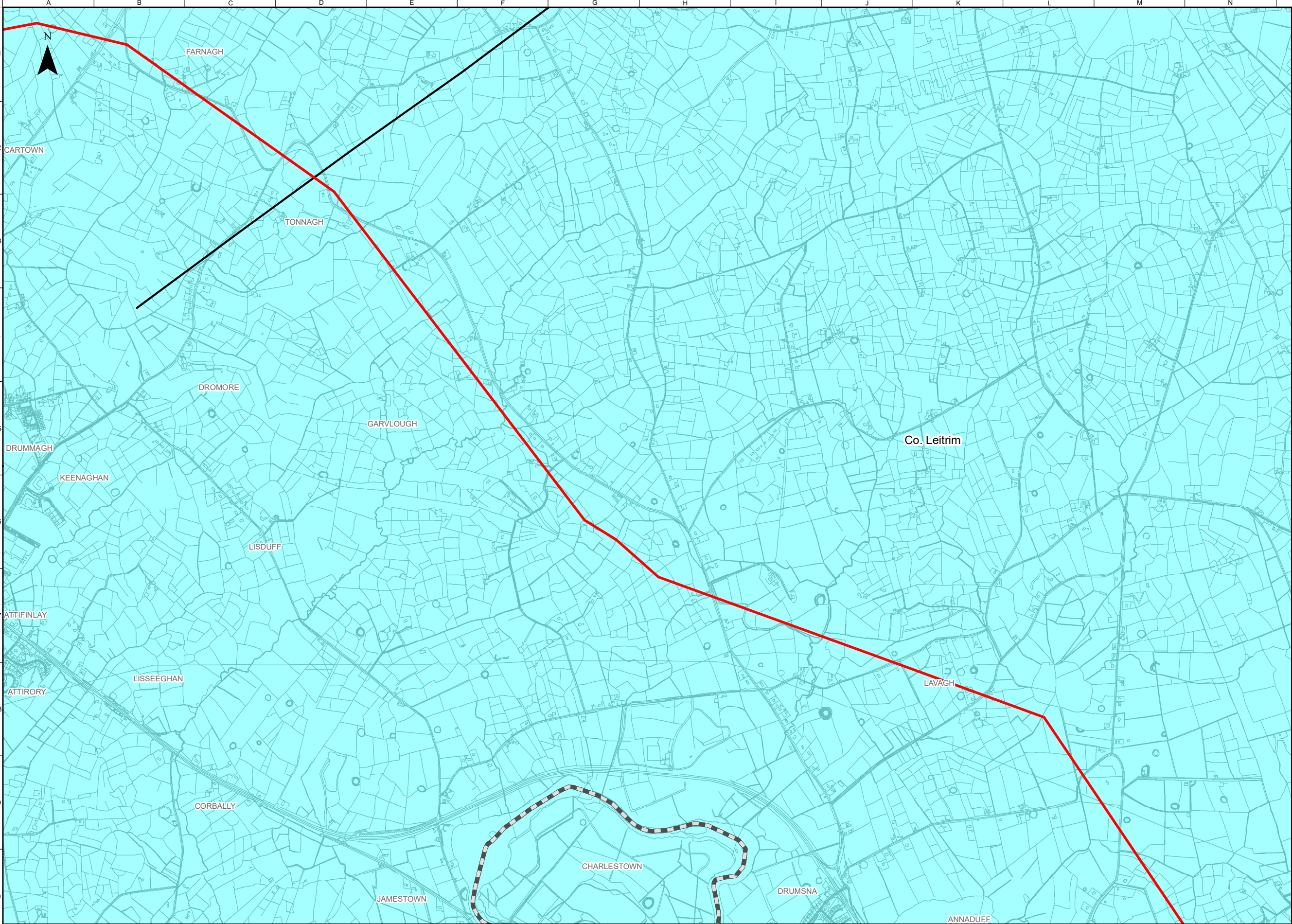
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Drawing No

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Aquifer Bedrock Faultline

Aquifer Bedrock

Rkc - Regionally Important Aquifer - Karstified (conduit)

Notes

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Clients



Comhairle Chontae Liatroma

Leitrim County Council



Comhairle Contae Ros Comáin

Roscommon County Council



An Roinn Iompair

Department of Transport



Tionscadal Éireann

Project Ireland 2040



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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

P06	22/07/2022	AG	LH	EMC
P05	01/03/2022	AG	LH	HK
P04	28/01/2022	AG	LH	HK
P03	23/07/2021	AG	LH	HK
Issued for Information (Status S3)				
Issue	Date	By	Chkd	Appd

Drawing Title

Hydrogeology Constraints
Aquifer Mapping
Sheet 3 of 6

Suitability

For Information

Job No

274219

Figure ID

Figure 4.14.2.2

Rev.

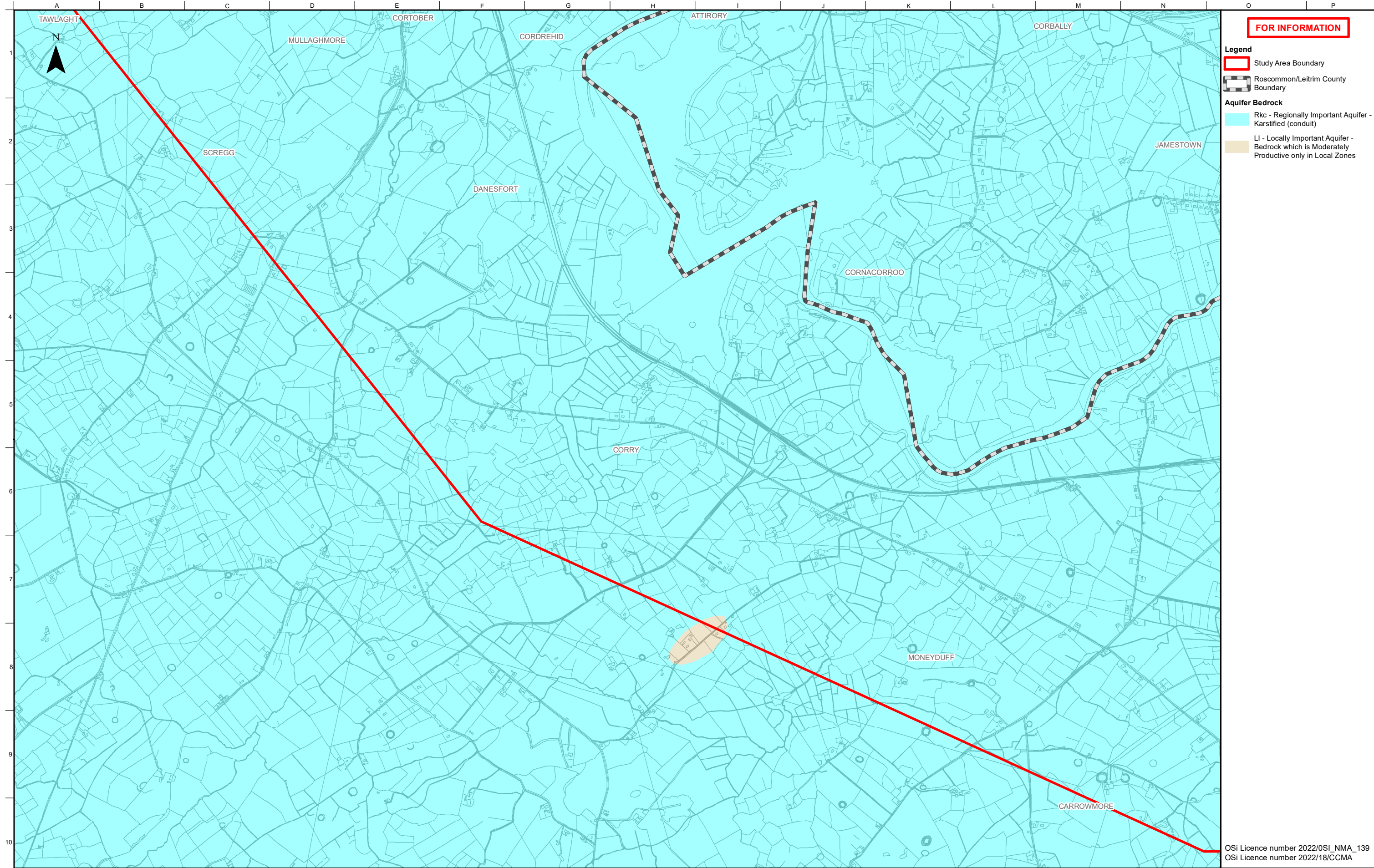
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Drawing No

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Do not scale

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Aquifer Bedrock

Rkc - Regionally Important Aquifer - Karstified (conduit)

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

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

Notes

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Clients

**Comhairle Chontae Liatroma
Leitrim County Council**

**An Roinn Iompair
Department of Transport**

**Tionscadal Éireann
Project Ireland
2040**

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MON**

**Comhairle Contae
Ros Comáin
Roscommon
County Council**

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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

P06	22/07/2022	AG	LH	EMC
P05	01/03/2022	AG	LH	HK
P04	28/01/2022	AG	LH	HK
P03	23/07/2021	AG	LH	HK

Issued for Information (Status S3)

Issue	Date	By	Chkd	Appd
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Drawing Title

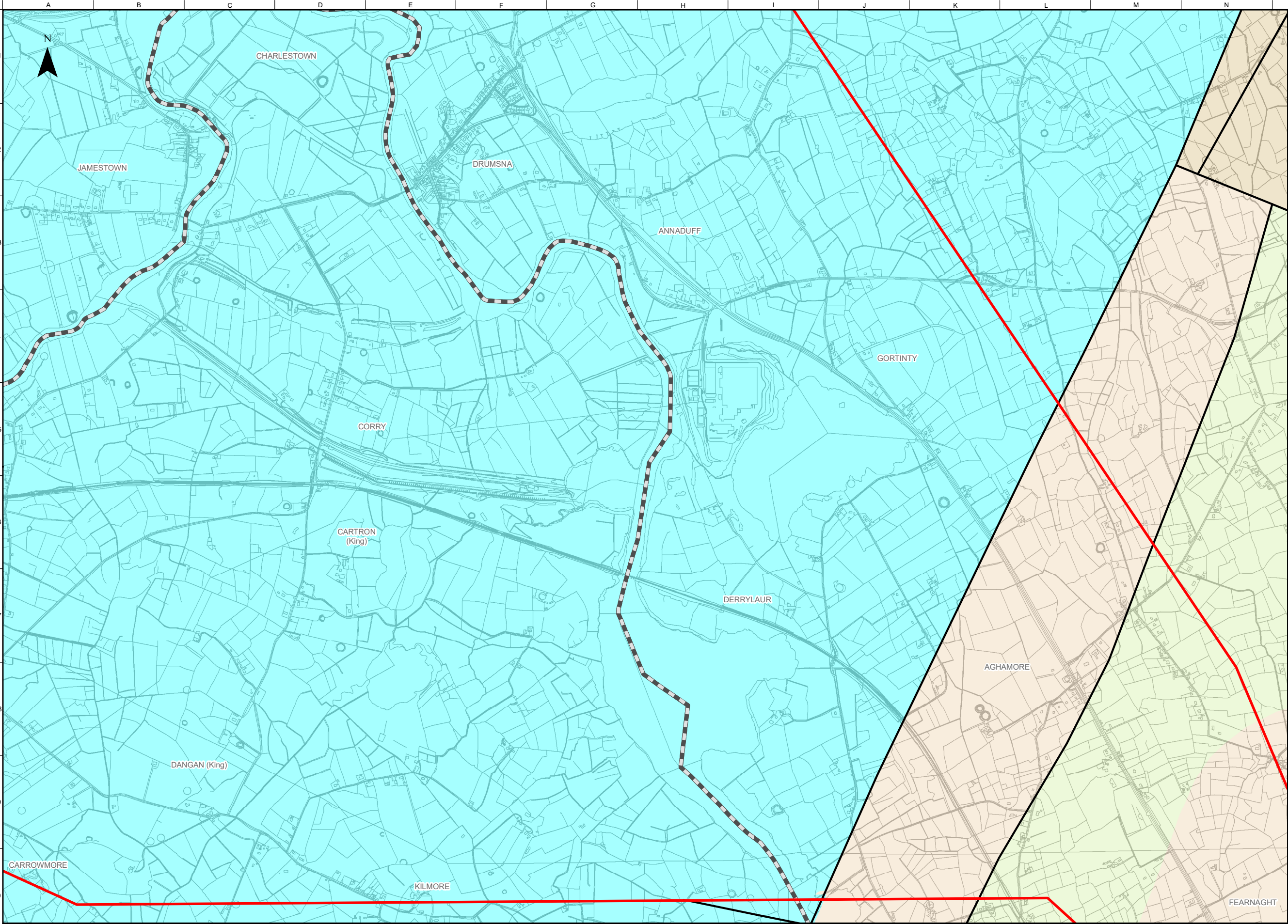
Hydrogeology Constraints
Aquifer Mapping
Sheet 4 of 6

Suitability

For Information

Job No 274219 Figure ID Figure 4.14.2.3 Rev. P06

Drawing No 274219-ARUP-02-OS-DR-YEHYG-000012



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Aquifer Bedrock Faultline

Aquifer Bedrock

Rkc - Regionally Important Aquifer - Karstified (conduit)

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

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Notes

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Clients

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Leitrim County Council

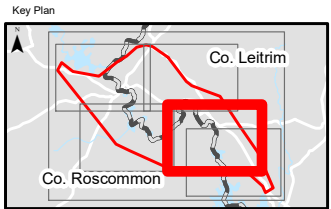
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Roscommon County Council

An Roinn Iompair
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

July 2021

P06	22/07/2022	AG	LH	EMC
P05	01/03/2022	AG	LH	HK
P04	28/01/2022	AG	LH	HK
P03	23/07/2021	AG	LH	HK
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Issue	Date	By	Chkd	Appd

Drawing Title

Hydrogeology Constraints
Aquifer Mapping
Sheet 5 of 6

Suitability

For Information

Job No

274219

Figure ID

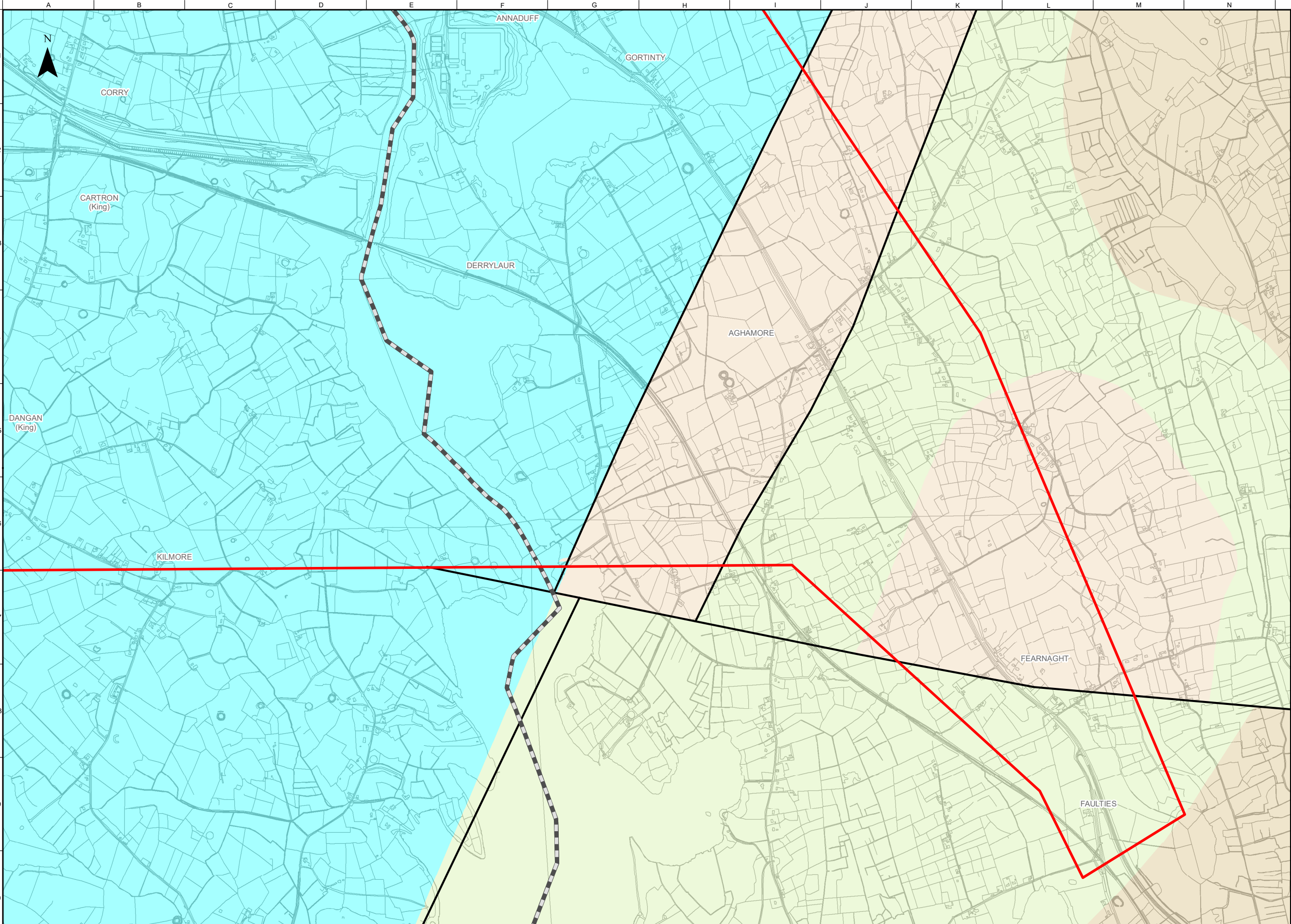
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Rev.

P06

Drawing No

274219-ARUP-02-OS-DR-YEHYG-000013



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Aquifer Bedrock Faultline

Aquifer Bedrock

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Comhairle Chontae Liatroma
Leitrim County Council

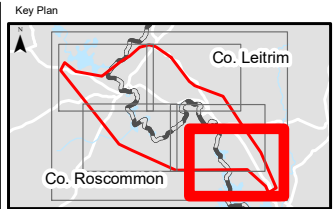
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Roscommon County Council

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Department of Transport

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ROSCOMMON
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www.arup.ie

Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale 1 : 20000 @A3

Role Hydrogeology

Date July 2021

P06	22/07/2022	AG	LH	EMC
P05	01/03/2022	AG	LH	HK
P04	28/01/2022	AG	LH	HK
P03	23/07/2021	AG	LH	HK
Issued for Information (Status S3)				
Issue	Date	By	Chkd	Appd

Drawing Title

Hydrogeology Constraints
Aquifer Mapping
Sheet 6 of 6

Suitability

For Information

Job No 274219

Figure ID Figure 4.14.2.5

Rev. P06

Drawing No 274219-ARUP-02-OS-DR-YEHYG-000014