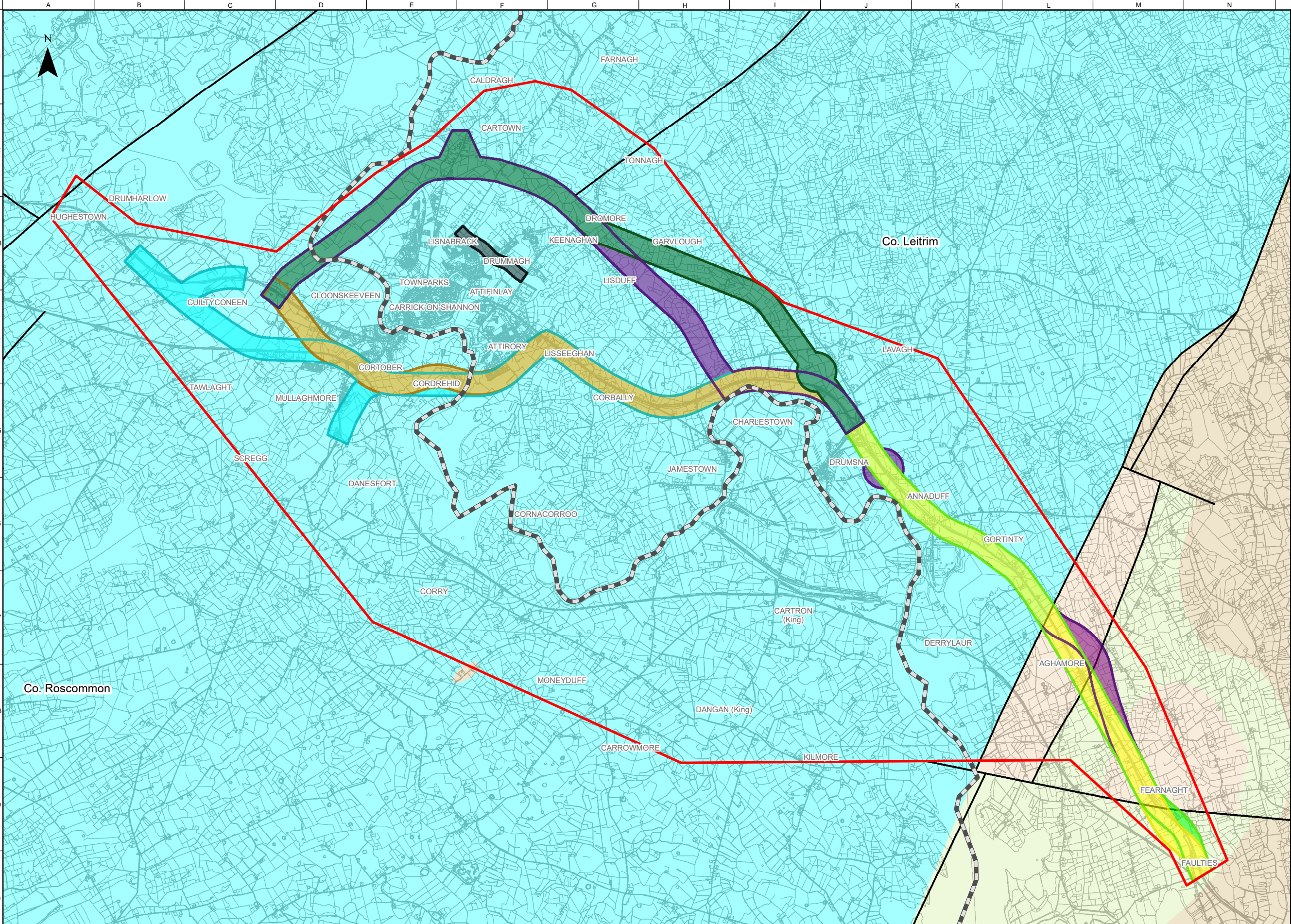




FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 2 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Purple West Option Corridor

Dark Green Option Corridor

Black Option Corridor

Yellow Option Corridor

Green Option Corridor

Purple 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

Disclaimer Note:
The Constraints and Options shown are draft only and subject to change. More detailed assessments, on-going studies and the information received from the public may result in changes to these Constraints and Options.

Note Séanta:
Tá na srianta agus na roghanna atá léirithe ina bhfoirm dréacht, d'fhéadfaí athraithe teacht orthu. Is mar thoradh ar mheasúnaithe níos mionchruinne, ar staidéar leanúnach agus ar eolas ón bpobal go ndéadfaí athruithe ar na srianta agus na roghanna seo.

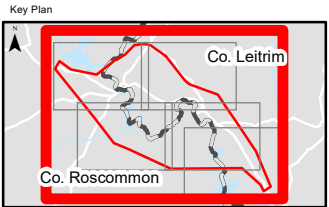
Comhairle Chontae Liatroma
Leitrim County Council

An Roinn Iompair
Department of Transport

Tionscadal Éireann
Project Ireland
2040

TII
Bonneagair Iompair Éireann
Transport Infrastructure Ireland

Comhairle Contae Ros Comáin
Roscommon County Council



Consultant

ARUP

Corporate House
City East Business Park
Ballybrit, Galway, Ireland

Tel +353 (0)91 460675
www.carickdromod.ie
www.arup.ie

Job Title
N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale
1 : 50000 @A3

Role
Hydrogeology

Date
December 2021

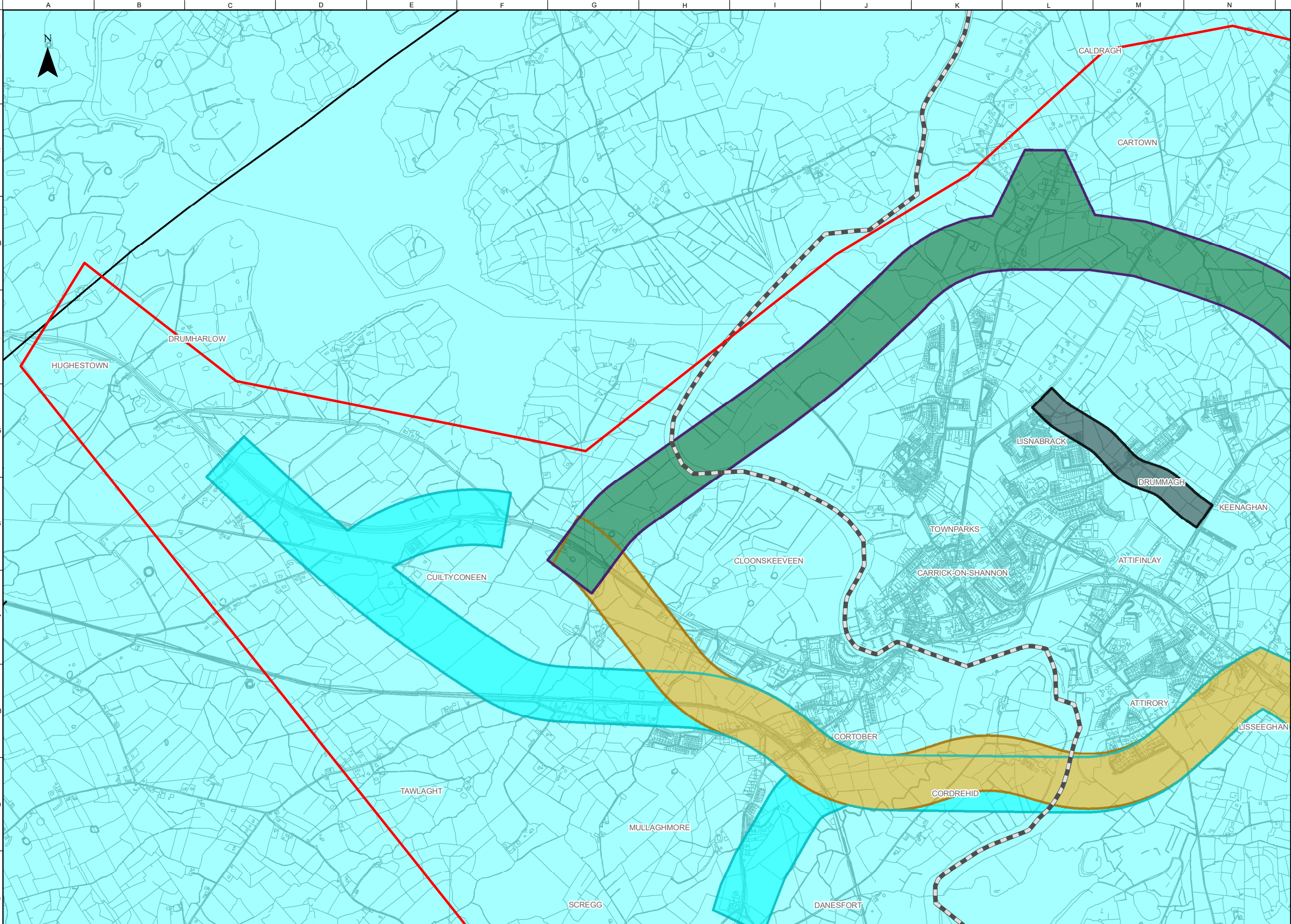
P04	22/07/2022	AG	LH	EMC
P03	07/07/2022	AG	LH	EMC
P02	01/03/2022	AG	LH	HK
P01	03/12/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title
Stage 2 Option Corridors
Hydrogeology Constraints
Aquifer Mapping
Sheet 1 of 6

Suitability
Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 8.8.11.2.0	P04

Drawing No
274219-ARUP-02-OS-DR-YEHYG-002009



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 2 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Purple West Option Corridor

Dark Green Option Corridor

Black Option Corridor

Aquifer Bedrock Faultline

Aquifer Bedrock

Rkc - Regionally Important Aquifer

- Karstified (conduit)

Notes

Disclaimer Note:
The Constraints and Options shown are draft only and subject to change. More detailed assessments, on-going studies and the information received from the public may result in changes to these Constraints and Options.

Note Séanta:
Tá na srianta agus na roghanna atá léirithe ina bhfoirm dréacht, d'fhéadfaí athraithe teacht orthu. Is mar thoradh ar mheasúnaithe níos mionchruinne, ar staidéar leanúnach agus ar eolas ón bpobal go ndéadfar athruithe ar na srianta agus na roghanna seo.

Comhairle Chontae Liatroma
Leitrim County Council

ROS
MON
Comhairle Contae Ros Comáin
Roscommon County Council

An Roinn Iompair
Department of Transport

Tionscadal Éireann
Project Ireland
2040

TII
Bonnagar Iompair Éireann
Transport Infrastructure Ireland

ROS
Comhairle Contae Ros Comáin
Roscommon County Council

Key Plan

ARUP

Corporate House
City East Business Park
Ballybrit, Galway, Ireland

Tel +353 (0)91 460675
www.carrickdromod.ie
www.arup.ie

Job Title
N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale
1 : 20000 @A3

Role
Hydrology

Date
December 2021

P04	22/07/2022	AG	LH	EMC
P03	07/07/2022	AG	LH	EMC
P02	01/03/2022	AG	LH	HK
P01	03/12/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title
Stage 2 Option Corridors
Hydrogeology Constraints
Aquifer Mapping
Sheet 2 of 6

Suitability
Issued for Information (Status S3)

Job No
274219

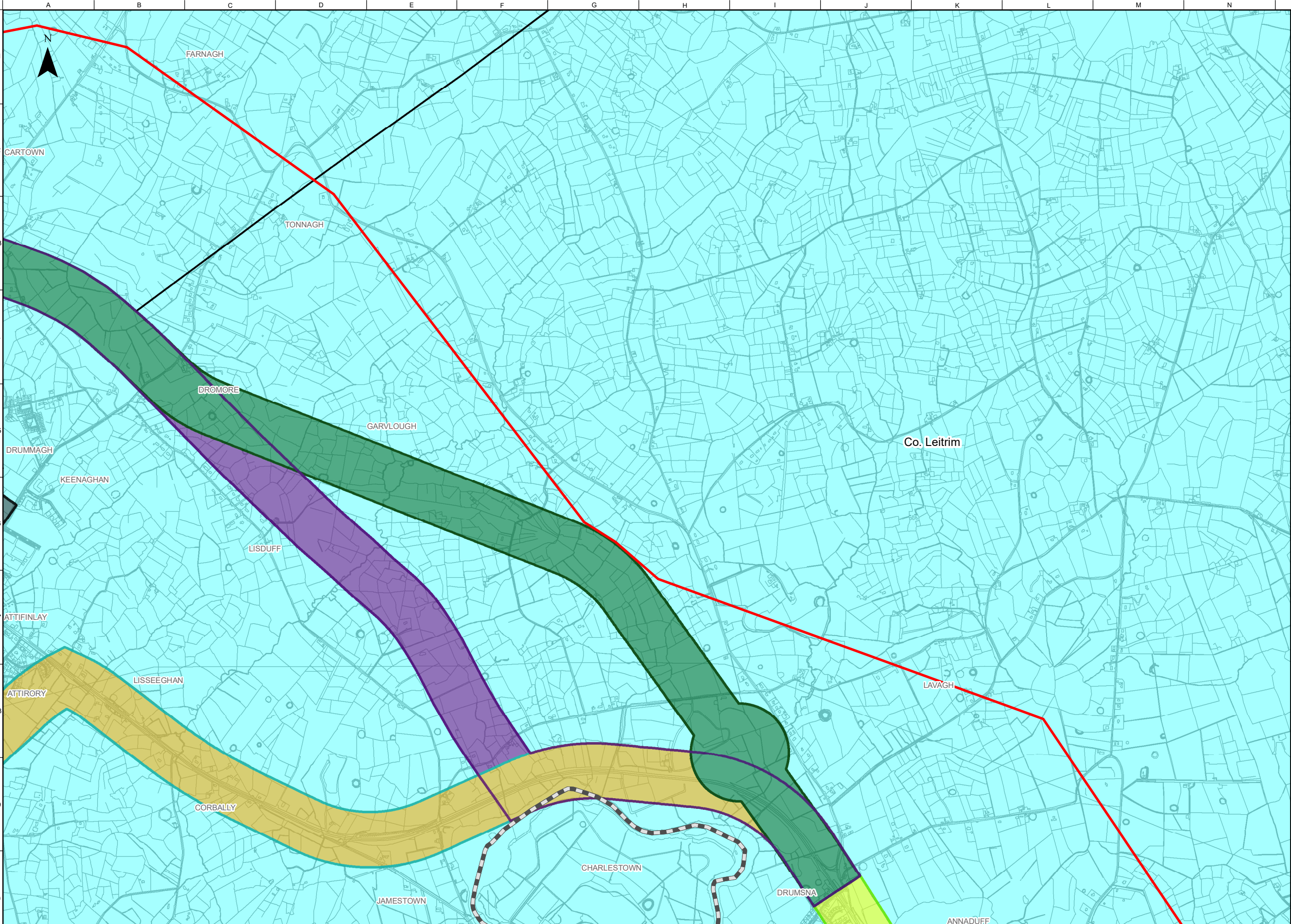
Figure ID
Figure 8.8.11.2.1

Rev.
P04

Drawing No
274219-ARUP-02-OS-DR-YEHYG-002010

Do not scale

© Arup



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 2 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Purple West Option Corridor

Dark Green Option Corridor

Black Option Corridor

Yellow Option Corridor

Green Option Corridor

Purple East Option Corridor

Aquifer Bedrock Faultline

Aquifer Bedrock

Rkc - Regionally Important Aquifer

- Karstified (conduit)

Notes

Disclaimer Note:
The Constraints and Options shown are draft only and subject to change. More detailed assessments, on-going studies and the information received from the public may result in changes to these Constraints and Options.

Note Séanta:
Tá na srianta agus na roghanna atá léirithe ina bhfoirm dréacht, d'fhéadfaí athraithe teacht orthu. Is mar thoradh ar mheasúnaithe níos mionchruinne, ar staidéar leanúnach agus ar eolas ón bpobal go ndéadfar athruithe ar na srianta agus na roghanna seo.

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

TII
Bonnagar Iompair Éireann
Transport Infrastructure Ireland

ARUP

Key Plan

Consultant

ARUP

Corporate House
City East Business Park
Ballybrit, Galway, Ireland

Tel +353 (0)91 460675
www.carrickdromod.ie
www.arup.ie

Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale

1 : 20000 @A3

Role

Hydrogeology

Date

December 2021

P04	22/07/2022	AG	LH	EMC
P03	07/07/2022	AG	LH	EMC
P02	01/03/2022	AG	LH	HK
P01	03/12/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 2 Option Corridors
Hydrogeology Constraints
Aquifer Mapping
Sheet 3 of 6

Suitability

Issued for Information (Status S3)

Job No

274219

Figure ID

Figure 8.8.11.2.2

Rev.

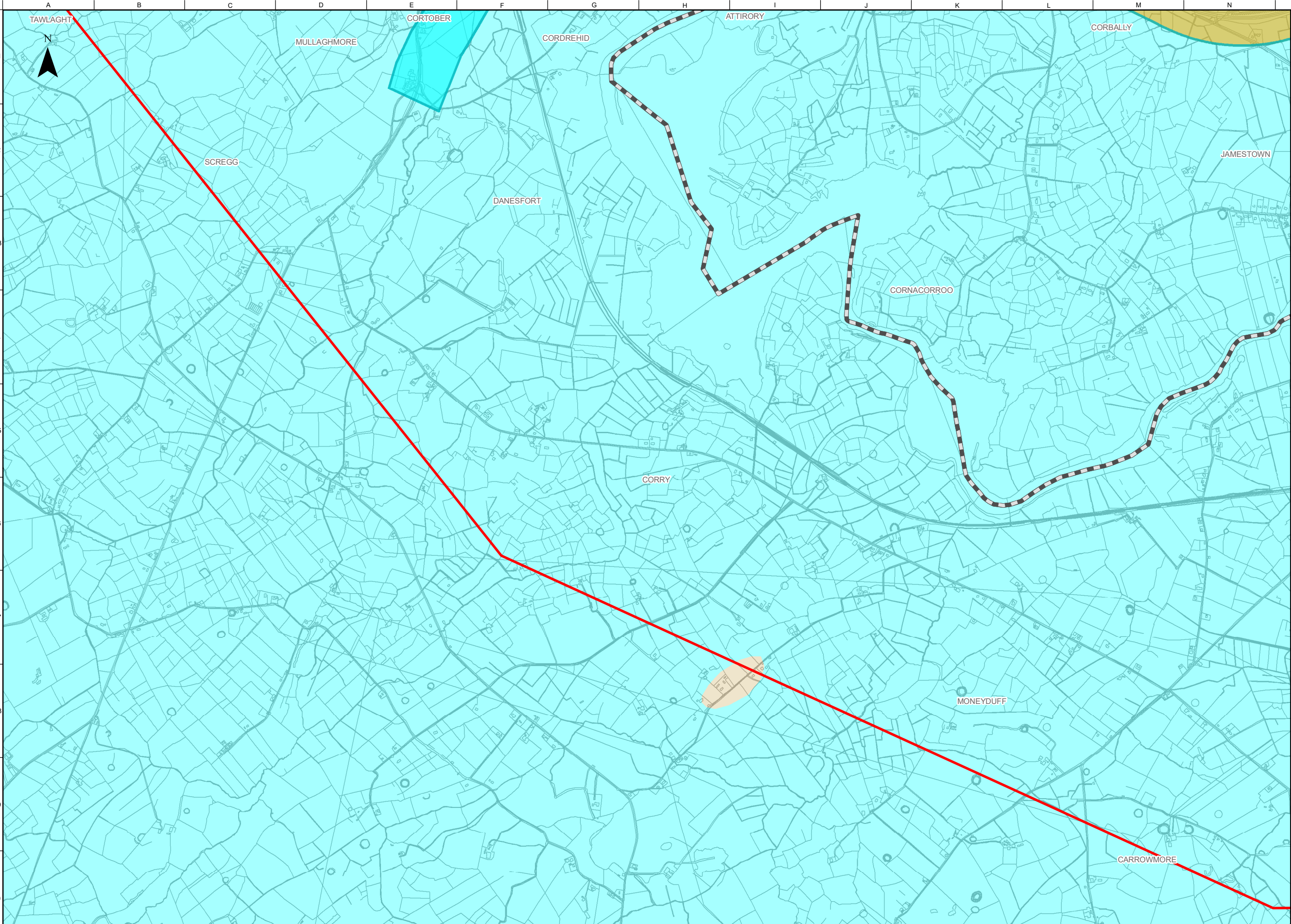
P04

Drawing No

274219-ARUP-02-OS-DR-YEHYG-002011

Do not scale

© Arup



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 2 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Aquifer Bedrock

Rkc - Regionally Important Aquifer - Karstified (conduit)

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

Notes

Disclaimer Note:
The Constraints and Options shown are draft only and subject to change. More detailed assessments, on-going studies and the information received from the public may result in changes to these Constraints and Options.

Note Séanta:
Tá na srianta agus na roghanna atá léirithe ina bhfoirm dréacht, d'fhéadfaí athraithe teacht orthu. Is mar thoradh ar mheasúnaithe níos mionchruinne, ar staidéar leanúnach agus ar eolas ón bpobal go ndéadfar athruithe ar na srianta agus na roghanna seo.

Clients



Comhairle Chontae Liatroma
Leitrim County Council



Comhairle Contae Ros Comáin
Roscommon County Council



Tionscadal Éireann
Project Ireland
2040



Bonnagar Iompar Éireann
Transport Infrastructure Ireland



An Roinn Iompair
Department of Transport

Key Plan

Consultant



ARUP

Corporate House

City East Business Park

Ballybrit, Galway, Ireland

Tel +353 (0)91 460675

www.carrickdromod.ie

www.arup.ie

Job Title

N4 Carrick-on-Shannon to Dromod Project



Carrick-on-Shannon to Dromod

Scale

1 : 20000 @A3

Role

Hydrogeology

Date

December 2021

P04	22/07/2022	AG	LH	EMC
P03	07/07/2022	AG	LH	EMC
P02	01/03/2022	AG	LH	HK
P01	03/12/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 2 Option Corridors
Hydrogeology Constraints
Aquifer Mapping
Sheet 4 of 6

Suitability

Issued for Information (Status S3)

Job No

274219

Figure ID

Figure 8.8.11.2.3

Rev.

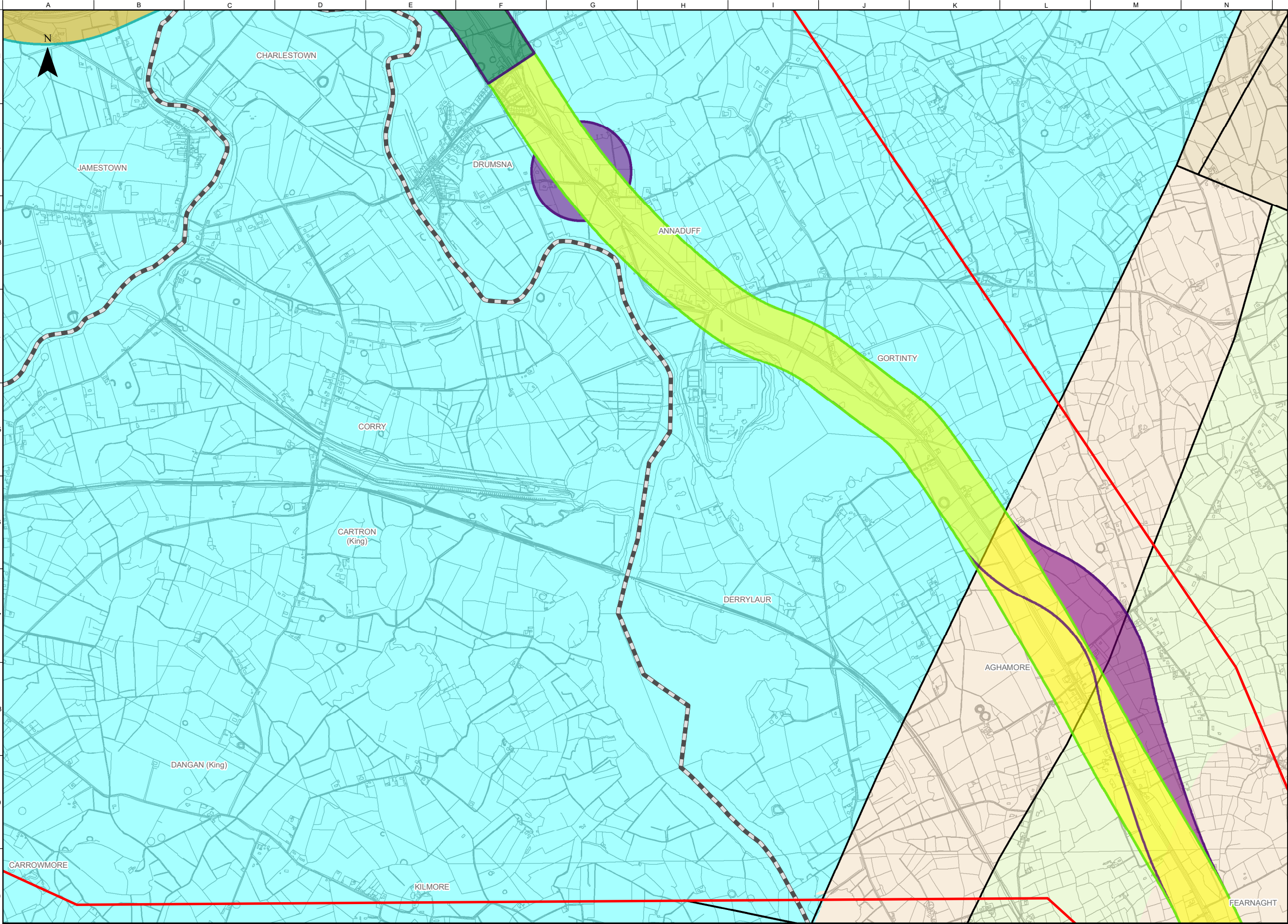
P04

Drawing No

274219-ARUP-02-OS-DR-YEHYG-002012

Do not scale

© Arup



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 2 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Purple West Option Corridor

Dark Green Option Corridor

Yellow Option Corridor

Green Option Corridor

Purple 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

Disclaimer Note:
The Constraints and Options shown are draft only and subject to change. More detailed assessments, on-going studies and the information received from the public may result in changes to these Constraints and Options.

Note Séanta:
Tá na srianta agus na roghanna atá léirithe ina bhfoirm dréacht, d'fhéadfaí athraithe teacht orthu. Is mar thoradh ar mheasúnaithe níos mionchruinne, ar staidéar leanúnach agus ar eolas ón bpobal go ndéadfaí athruithe ar na srianta agus na roghanna seo.

Comhairle Chontae Liatroma
Leitrim County Council

ROS
MON

Comhairle Contae
Ros Comáin
Roscommon County Council

An Roinn Iompair
Department of Transport

Tionscadal Éireann
Project Ireland
2040

TII

Bonneagar Iompair Éireann
Transport Infrastructure Ireland

ROSCOMMON

Key Plan

Consultant

ARUP

Corporate House
City East Business Park
Ballybrit, Galway, Ireland

Tel +353 (0)91 460675
www.carrickdromod.ie
www.arup.ie

Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale

1 : 20000 @A3

Role

Hydrogeology

Date

December 2021

P04	22/07/2022	AG	LH	EMC
P03	07/07/2022	AG	LH	EMC
P02	01/03/2022	AG	LH	HK
P01	03/12/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 2 Option Corridors
Hydrogeology Constraints
Aquifer Mapping
Sheet 5 of 6

Suitability

Issued for Information (Status S3)

Job No

274219

Figure ID

Figure 8.8.11.2.4

Rev.

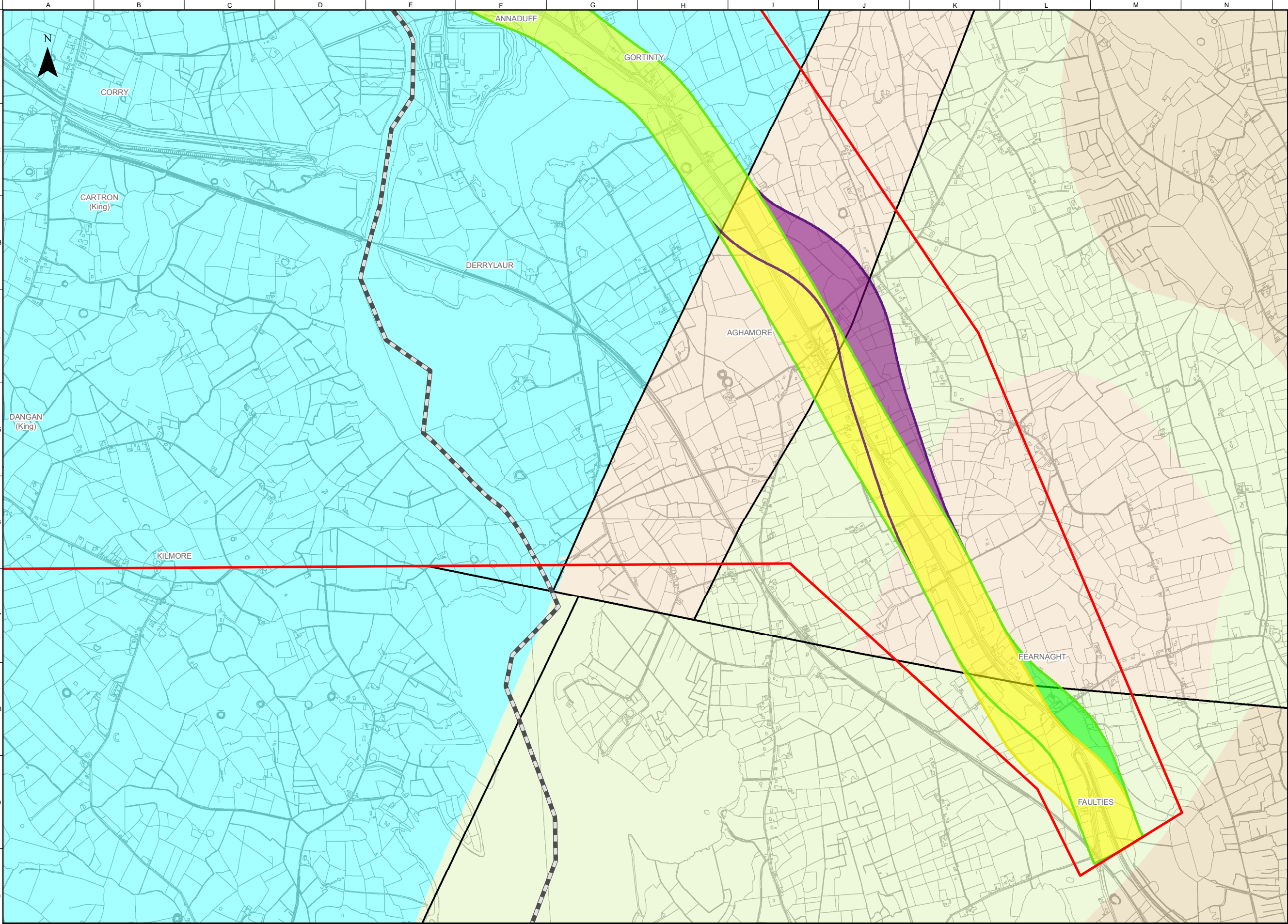
P04

Drawing No

274219-ARUP-02-OS-DR-YEHYG-002013

Do not scale

© Arup



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 2 Option Corridors

Yellow Option Corridor

Green Option Corridor

Purple 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

Disclaimer Note:
The Constraints and Options shown are draft only and subject to change. More detailed assessments, on-going studies and the information received from the public may result in changes to these Constraints and Options.

Note Séanta:
Tá na srianta agus na roghanna atá léirithe ina bhfoirm dréacht, d'fhéadfaí athraithe teacht orthu. Is mar thoradh ar mheasúnaithe níos mionchruinne, ar staidéar leanúnach agus ar eolas ón bpobal go ndéadfar athruithe ar na srianta agus na roghanna seo.

Comhairle Chontae Liatroma
Leitrim County Council

Comhairle Contae Ros Comáin
Roscommon County Council

An Roinn Iompair
Department of Transport

Tionscadal Éireann
Project Ireland
2040

TII
Transport Infrastructure Ireland

ARUP

Key Plan

Consultant

ARUP

Corporate House
City East Business Park
Ballybrit, Galway, Ireland

Tel +353 (0)91 460675
www.carickdromod.ie
www.arup.ie

Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale 1 : 20000 @A3

Role Hydrogeology

Date December 2021

P04	22/07/2022	AG	LH	EMC
P03	07/07/2022	AG	LH	EMC
P02	01/03/2022	AG	LH	HK
P01	03/12/2021	AG	LH	HK
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 2 Option Corridors
Hydrogeology Constraints
Aquifer Mapping
Sheet 6 of 6

Suitability

Issued for Information (Status S3)

Job No

274219

Figure ID

Figure 8.8.11.2.5

Rev.

P04

Drawing No

274219-ARUP-02-OS-DR-YEHYG-002014

Do not scale

© Arup