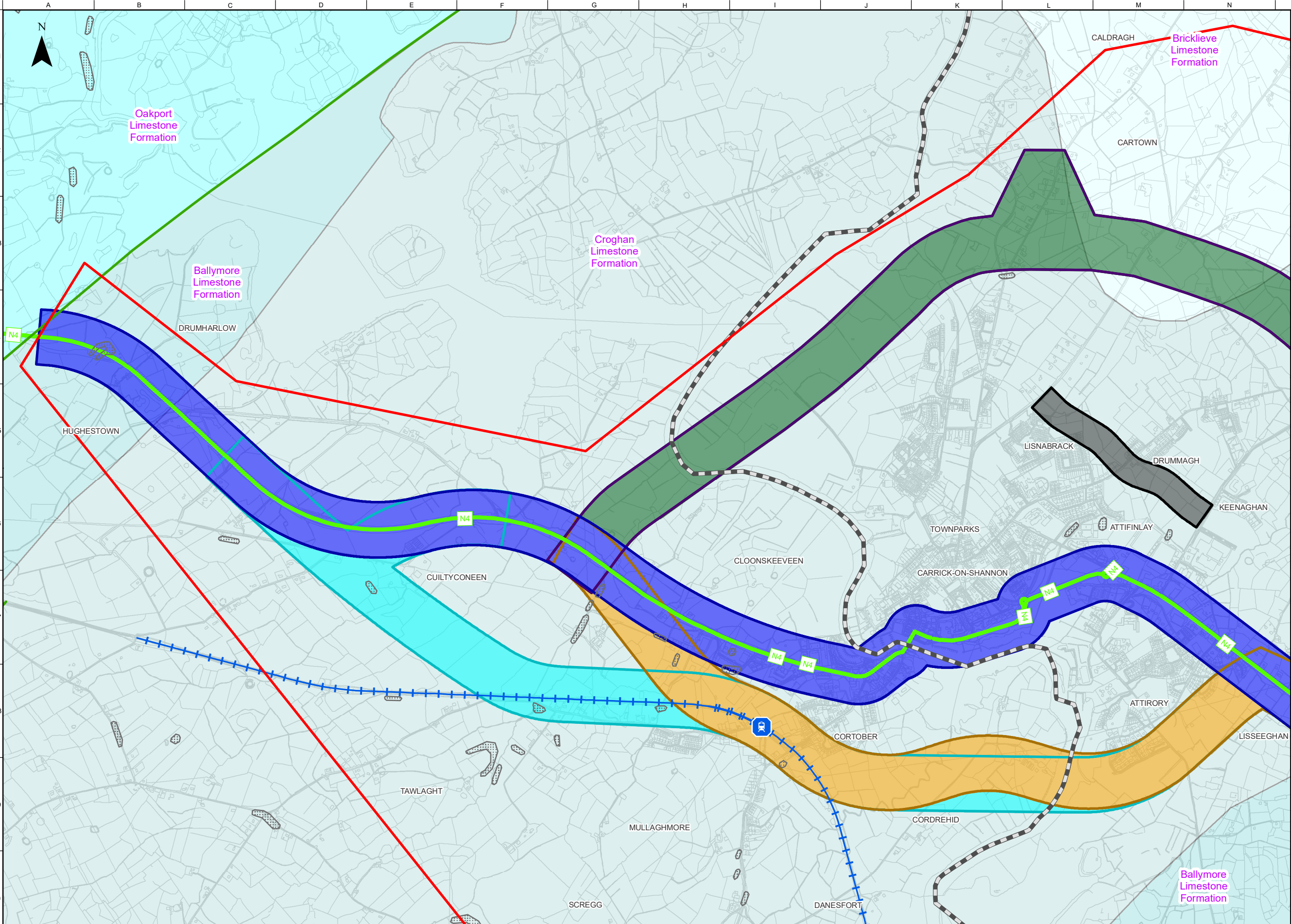




FOR INFORMATION

Legend

- Study Area Boundary
- Roscommon/Leitrim County Boundary
- Cyan Option Corridor
- Orange Option Corridor
- Purple West Option Corridor
- Dark Green Option Corridor
- Blue West Option Corridor
- Black Option Corridor
- Railway Station
- Railway Line
- National Road

Bedrock Outcrop

- Bedrock Outcrop

Bedrock Geology

- Ballymore Limestone Formation
- Bricklieve Limestone Formation
- Croghan Limestone Formation
- Oakport Limestone Formation

Geological Linework

- Fault

Notes

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Leitrim County Council

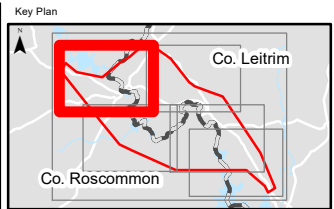
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Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale 1 : 20000 @A3

Role Soils and Geology

Date October 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	22/10/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 1 Option Corridors
Soils and Geology Constraints
Bedrock Geology Map
Sheet 2 of 6

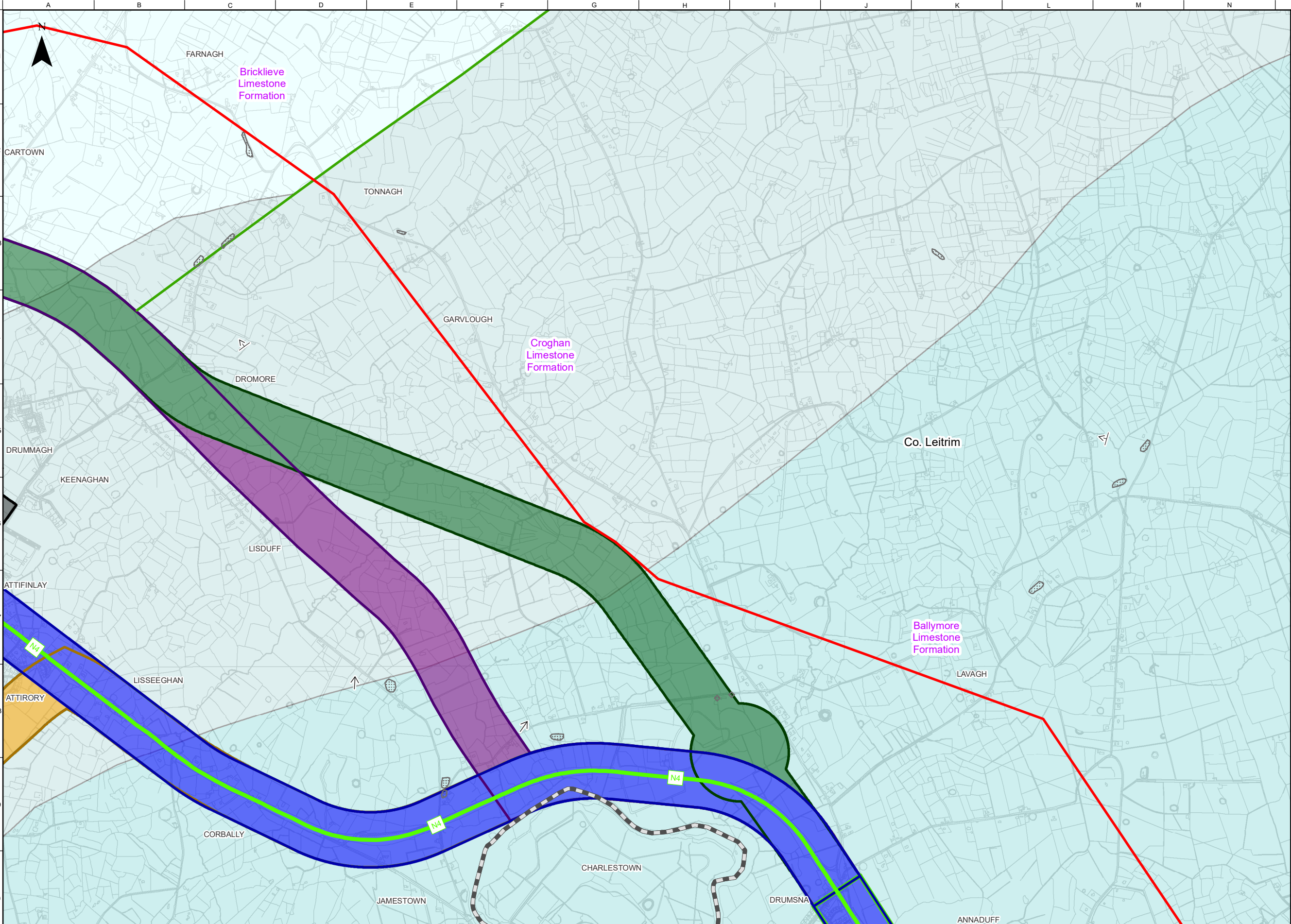
Suitability

Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.12.3.1	P03

Drawing No

274219-ARUP-02-OS-DR-YEGEO-001018



FOR INFORMATION

- Legend**
- Study Area Boundary
 - Roscommon/Leitrim County Boundary
 - 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
 - National Road
- Bedrock Outcrop**
- Bedrock Outcrop
- Bedrock Geology**
- Ballymore Limestone Formation
 - Bricklieve Limestone Formation
 - Croghan Limestone Formation
- Structural Symbols (Bedrock)**
- Dip of bedding or main foliation, old GSI data
 - Strike and dip of bedding, right way up
- Geological Linework**
- Fault

OSI Licence number 2022/OSI_NMA_139
OSI Licence number 2022/18/CCMA

Notes

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Clients



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Leitrim County Council



Comhairle Contae Ros Comáin
Roscommon County Council



An Roinn Iompair
Department of Transport



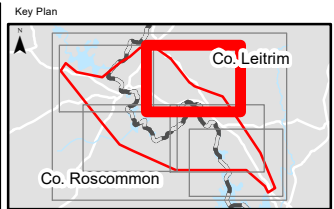
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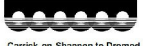
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Job Title

N4 Carrick-on-Shannon to Dromod Project


Carrick-on-Shannon to Dromod

Scale: 1 : 20000 @A3

Role: Soils and Geology

Date: October 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	22/10/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

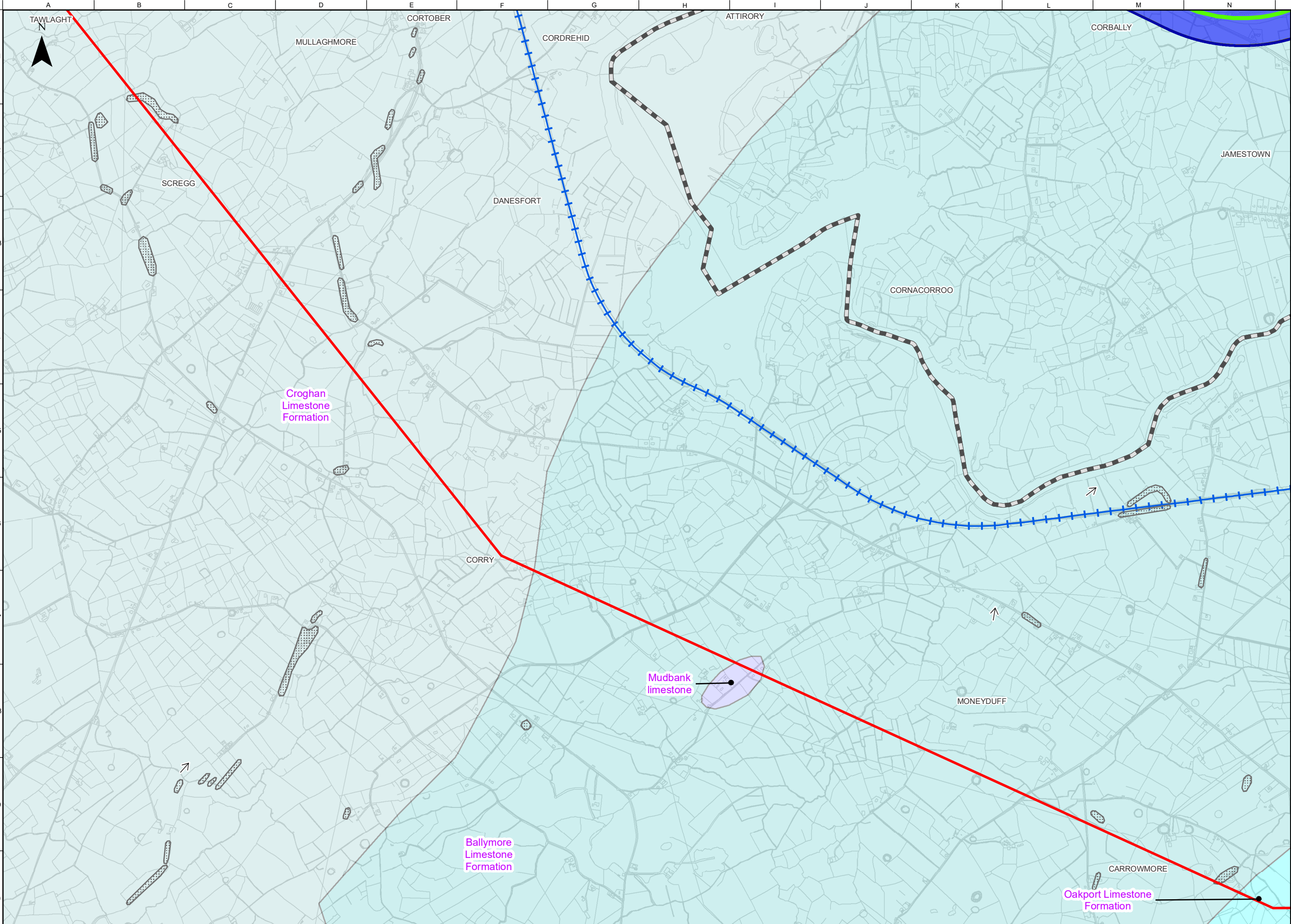
Stage 1 Option Corridors
Soils and Geology Constraints
Bedrock Geology Map
Sheet 3 of 6

Suitability

Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.12.3.2	P04

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



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Cyan Option Corridor

Orange Option Corridor

Blue West Option Corridor

Railway Line

National Road

Bedrock Outcrop

Bedrock Outcrop

Bedrock Geology

Ballymore Limestone Formation

Croghan Limestone Formation

Oakport Limestone Formation

Mudbank limestone

Structural Symbols (Bedrock)

Dip of bedding or main foliation, old GSI data

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

Soils and Geology

Date

October 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	22/10/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 1 Option Corridors
Soils and Geology Constraints
Bedrock Geology Map
Sheet 4 of 6

Issued for Information (Status S3)

Job No

274219

Figure ID

Figure 7.5.12.3.3

Rev.

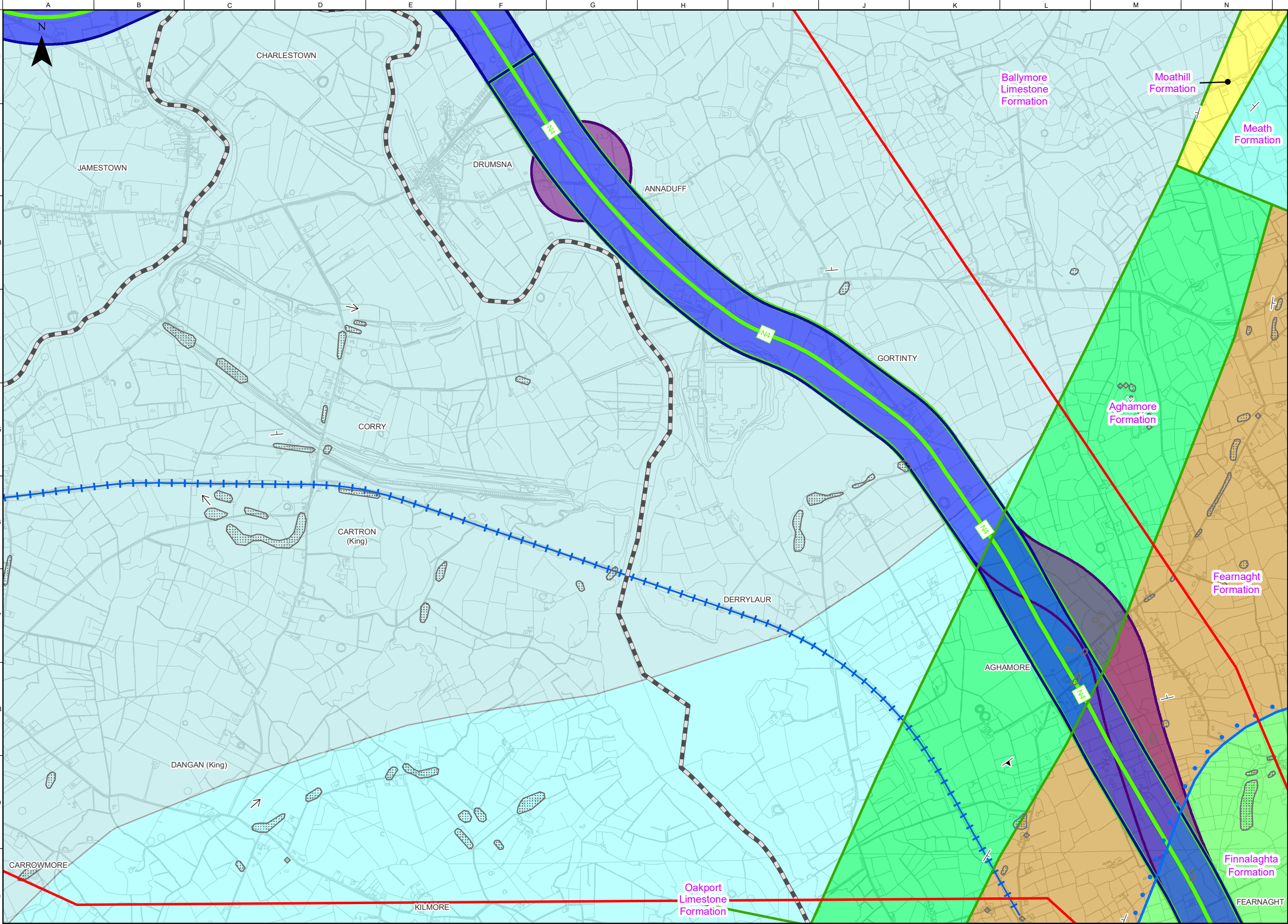
P04

Drawing No

274219-ARUP-02-OS-DR-YEGEO-001020

Do not scale

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FOR INFORMATION

- Legend**
- Study Area Boundary
 - Roscommon/Leitrim County Boundary
 - 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
 - Railway Line
 - National Road
- Bedrock Outcrop**
- Bedrock Outcrop
- Bedrock Geology**
- Aghamore Formation
 - Meath Formation
 - Moathill Formation
 - Ballymore Limestone Formation
 - Fearnaght Formation
 - Oakport Limestone Formation
 - Finnlaghta Formation
- Structural Symbols (Bedrock)**
- Dip of bedding or main foliation, old GSI data
 - Strike and dip of bedding, way up unknown
 - Strike and dip of first foliation
 - Strike and dip of overturned bedding
- Geological Linework**
- Fault
 - Unconformity

Notes

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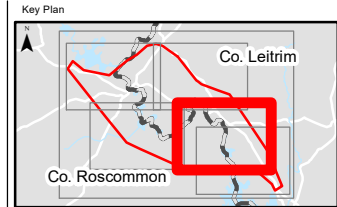
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Department of Transport

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Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale 1 : 20000 @A3

Role Soils and Geology

Date October 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	22/10/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

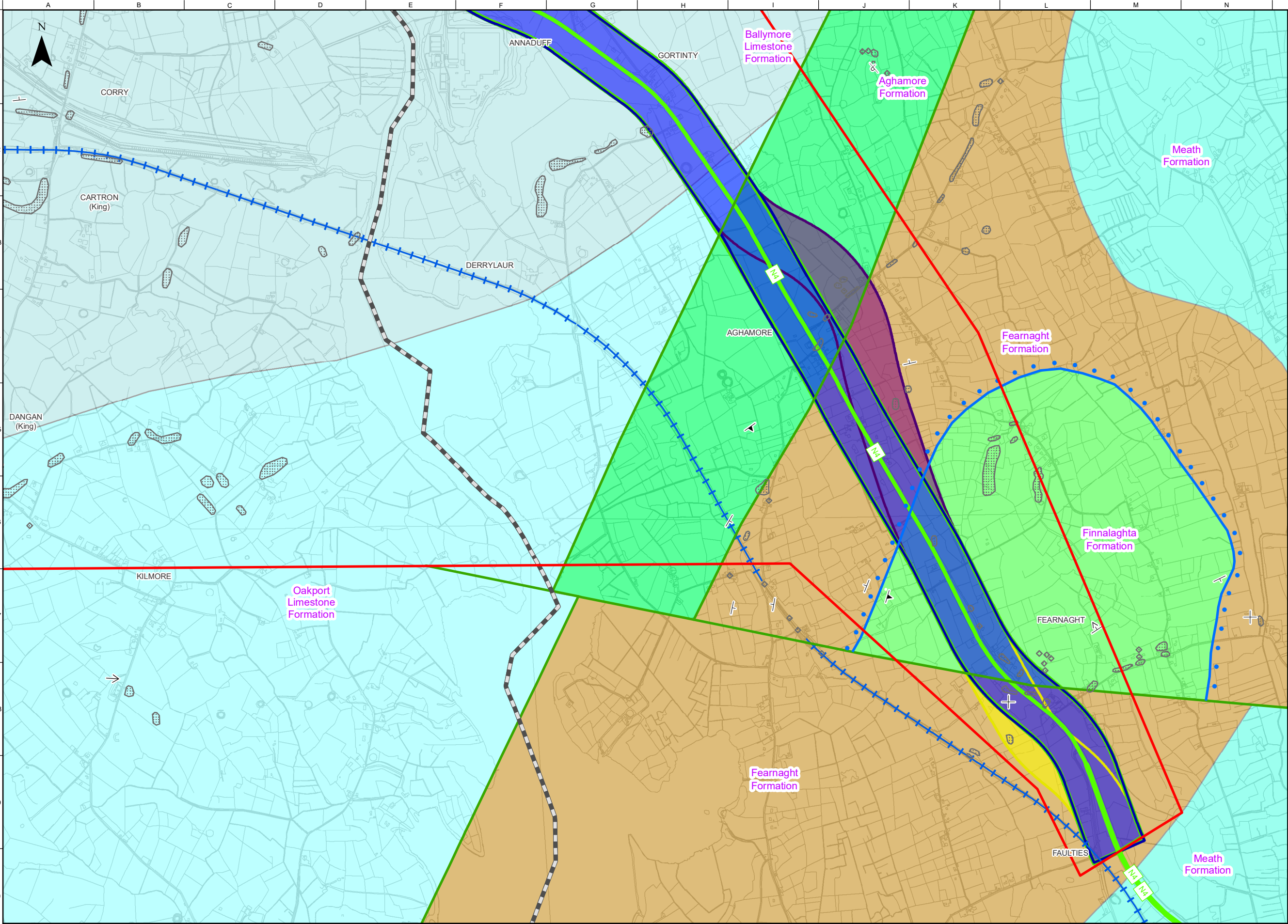
Stage 1 Option Corridors
Soils and Geology Constraints
Bedrock Geology Map
Sheet 5 of 6

Suitability

Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.12.3.4	P04

Drawing No
274219-ARUP-02-OS-DR-YEGEO-001021



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Yellow Option Corridor

Green Option Corridor

Purple East Option Corridor

Blue East Option Corridor

Railway Line

National Road

Bedrock Outcrop

Bedrock Outcrop

Bedrock Geology

Aghamore Formation

Meath Formation

Ballymore Limestone Formation

Fearnaght Formation

Oakport Limestone Formation

Finnlaghta Formation

Structural Symbols (Bedrock)

Dip of bedding or main foliation, old GSI data

Horizontal Bedding

Strike and dip of bedding, right way up

Strike and dip of bedding, way up unknown

Strike and dip of first foliation

Strike and dip of overturned bedding

Geological Linework

Fault

Unconformity

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 Soils and Geology

Date October 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	22/10/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title
Stage 1 Option Corridors
Soils and Geology Constraints
Bedrock Geology Map
Sheet 6 of 6

Suitability
Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.12.3.5	P04

Drawing No
274219-ARUP-02-OS-DR-YEGEO-001022

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