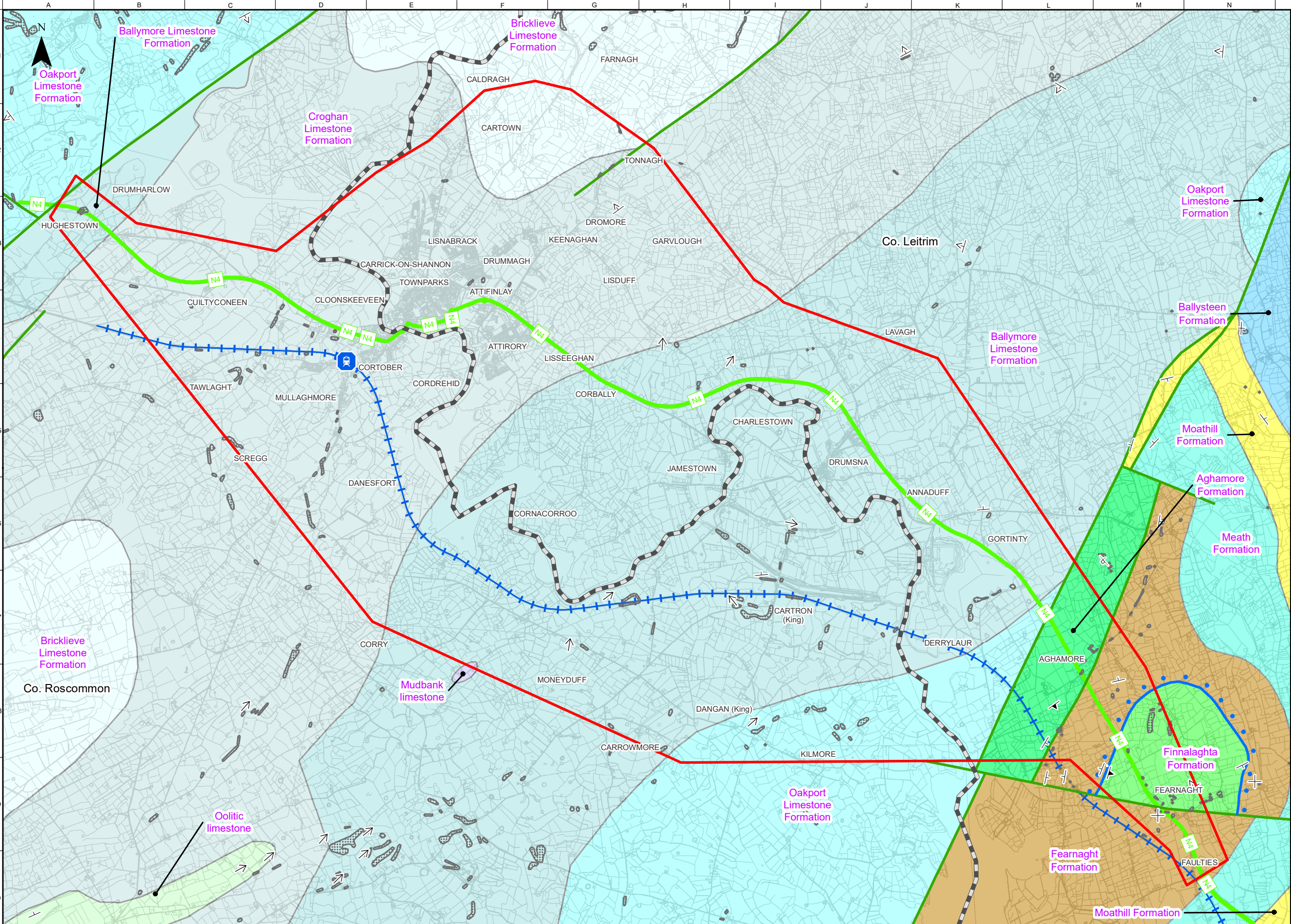




FOR INFORMATION

Legend

Study Area Boundary

Study Area Boundary

Roscommon/Leitrim County Boundary

Railway Station

Railway Line

National Road

Bedrock Outcrop

Bedrock Outcrop

Bedrock Geology

Aghamore Formation

Meath Formation

Moathill Formation

Ballysteen Formation

Ballymore Limestone Formation

Bricklieve Limestone Formation

Croghan Limestone Formation

Fearnaght Formation

Oakport Limestone Formation

Mudbank limestone

Oolitic limestone

Finnalaghta 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

Strike of vertical bedding/foliation

Geological Linework

Fault

Unconformity

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

Notes
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Note Séanta:
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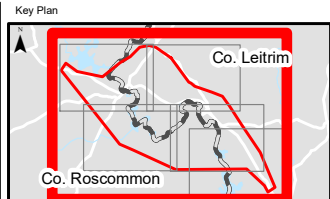
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Leitrim County Council

Comhairle Contae Ros Comáin
Roscommon County Council

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Job Title

N4 Carrick-on-Shannon to Dromod Project

Scale

1 : 50000 @A3

Role

Soils and Geology

Date

July 2021

P07	22/07/2022	AG	MMcE	RT
P06	01/03/2022	AG	MMcE	RT
P05	28/01/2022	AG	MMcE	RT
P04	23/07/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

Soils and Geology Constraints
Bedrock Geology Map
Sheet 1 of 6

Suitability

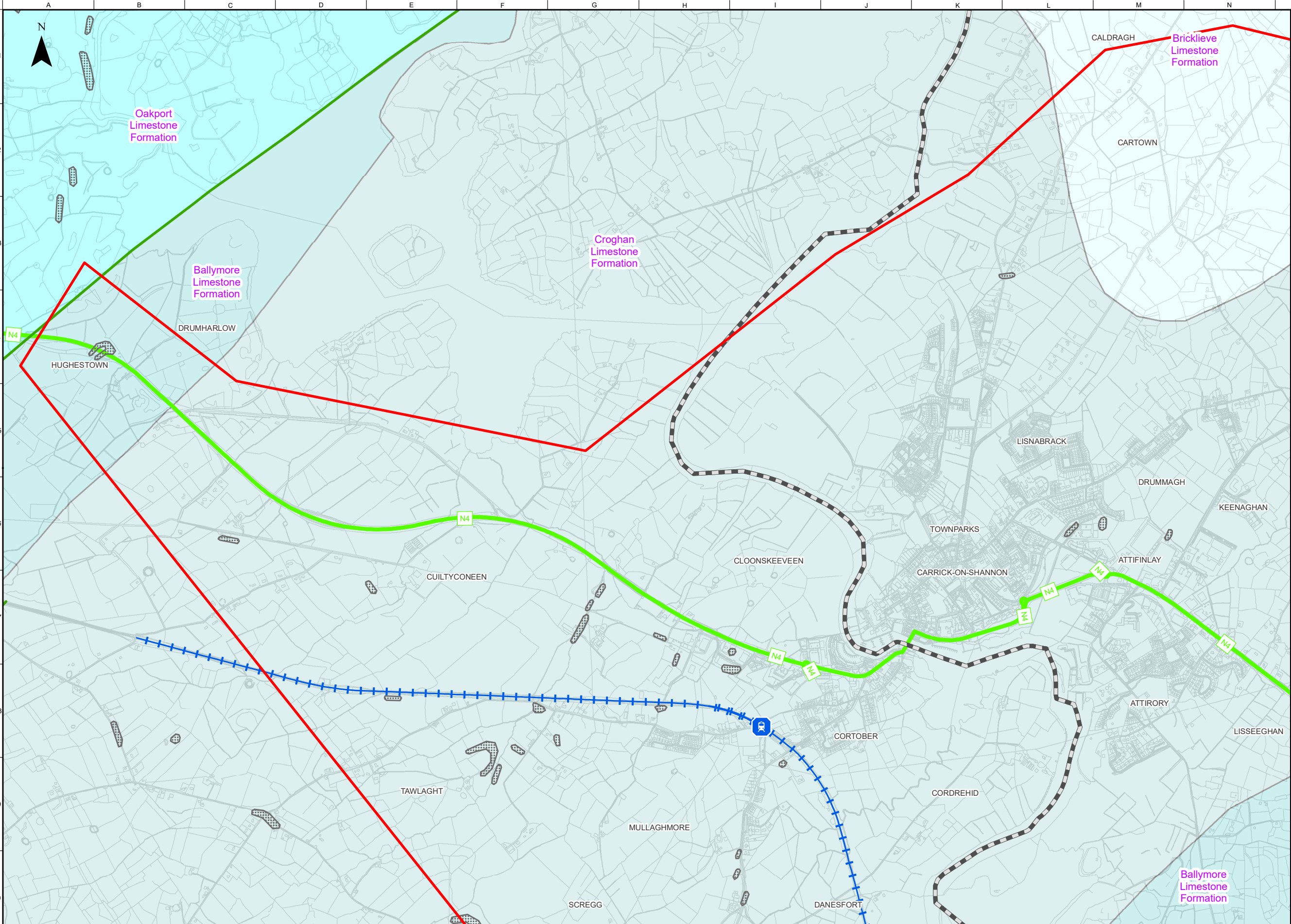
For Information

Job No
274219

Figure ID
Figure 4.15.3.0

Rev.
P07

Drawing No
274219-ARUP-02-OS-DR-YEGEO-000017



FOR INFORMATION

Legend

Study Area Boundary

Study Area Boundary

Roscommon/Leitrim County Boundary

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

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

Notes
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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
Soils and Geology

Date
July 2021

Issue	Date	By	Chkd	Appd
P07	22/07/2022	AG	MMcE	RT
P06	01/03/2022	AG	MMcE	RT
P05	28/01/2022	AG	MMcE	RT
P04	23/07/2021	AG	MMcE	RT

Drawing Title
Soils and Geology Constraints
Bedrock Geology Map
Sheet 2 of 6

Suitability

For Information

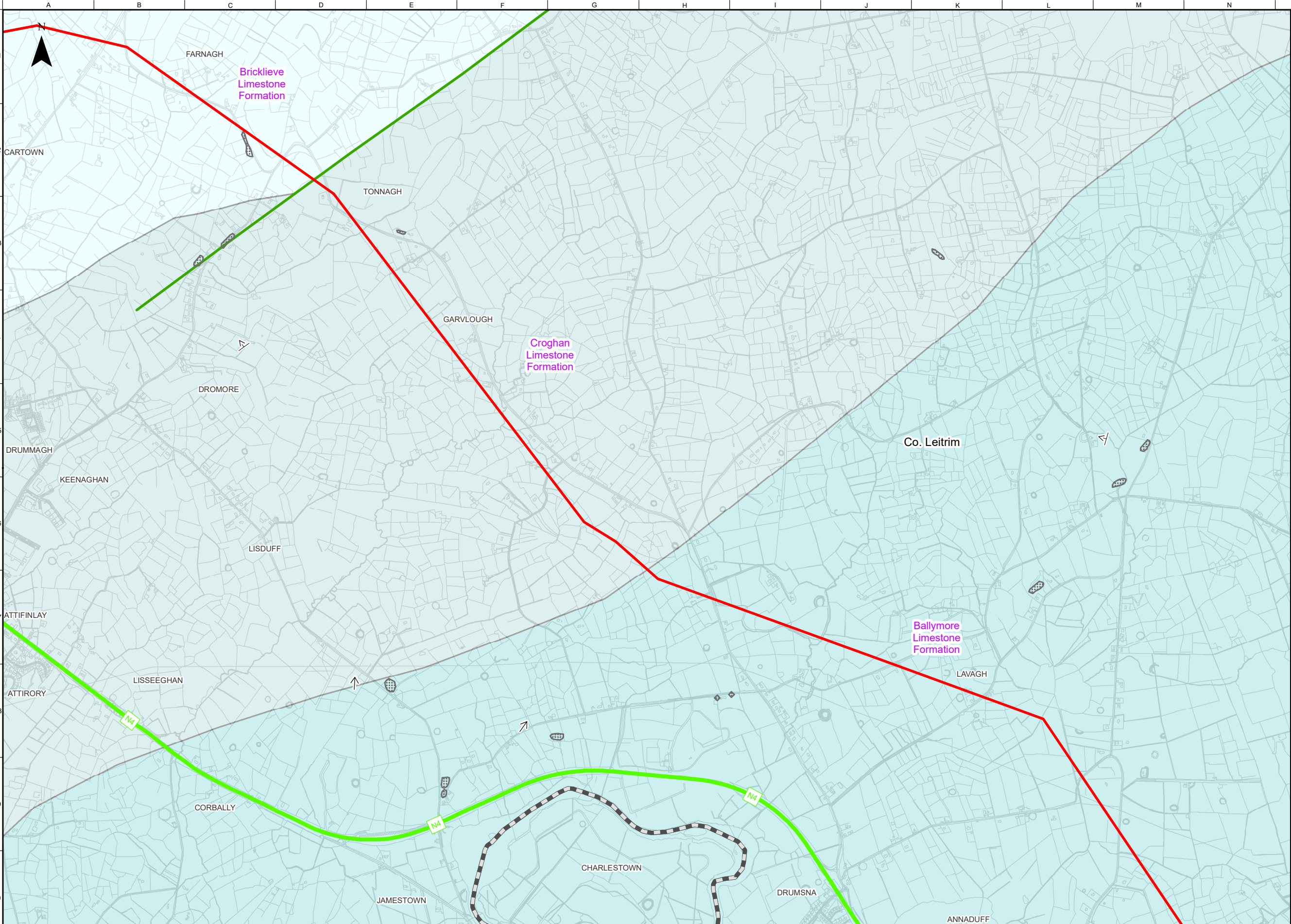
Job No
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Figure ID
Figure 4.15.3.1

Rev
P07

Drawing No
274219-ARUP-02-OS-DR-YEGEO-000018

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FOR INFORMATION

- Legend**
- Study Area Boundary**
- Study Area Boundary
 - Roscommon/Leitrim County Boundary
 - 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

Notes

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Clients

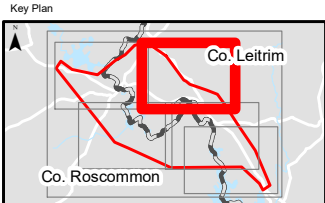
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Comhairle Contae Ros Comáin
Roscommon County Council

An Roinn Iompair
Department of Transport

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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 Soils and Geology

Date July 2021

Issue	Date	By	Chkd	Appd
P07	22/07/2022	AG	MMcE	RT
P06	01/03/2022	AG	MMcE	RT
P05	28/01/2022	AG	MMcE	RT
P04	23/07/2021	AG	MMcE	RT

Drawing Title

Soils and Geology Constraints
Bedrock Geology Map
Sheet 3 of 6

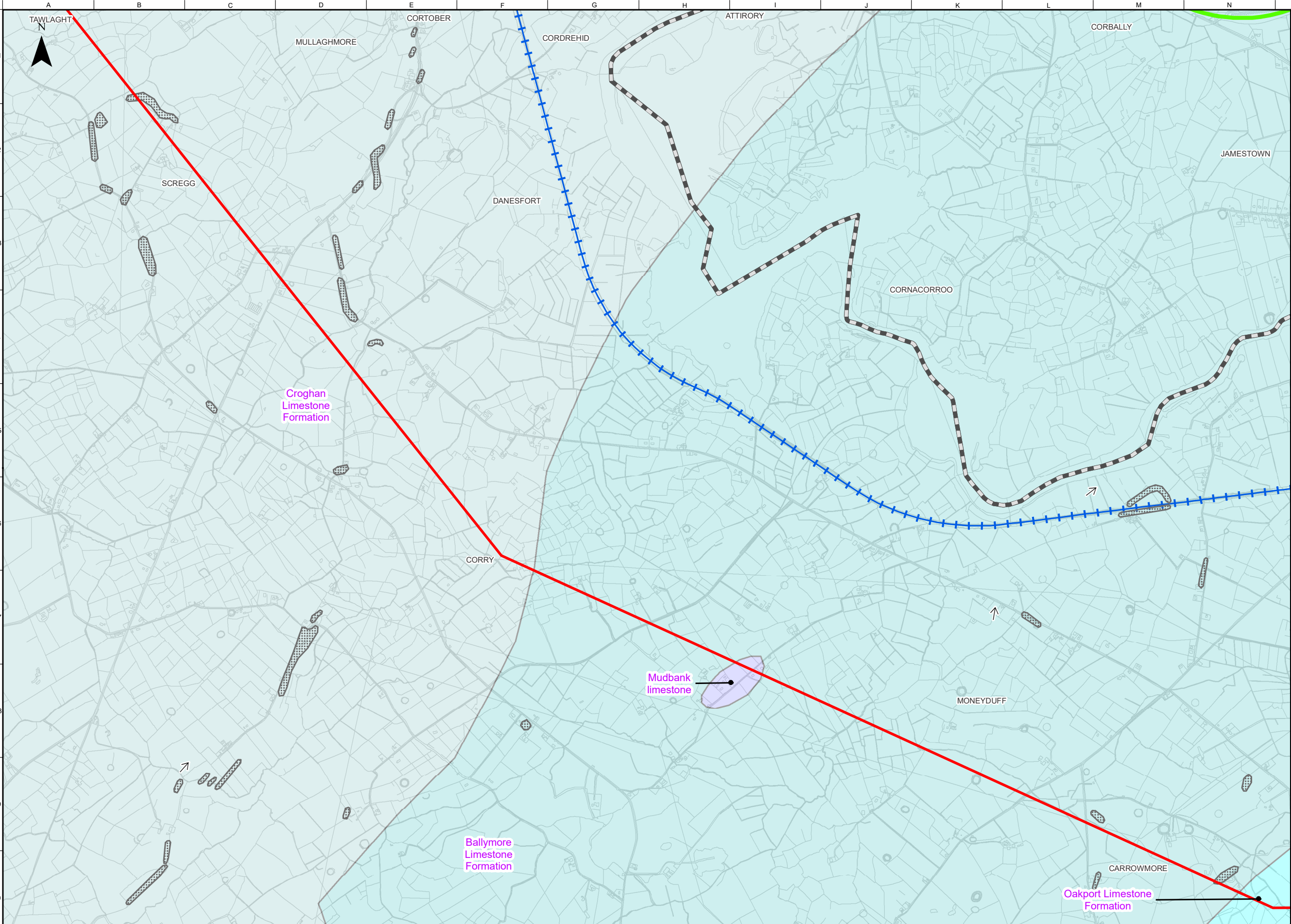
Suitability

For Information

Job No	Figure ID	Rev.
274219	Figure 4.15.3.2	P07

Drawing No

274219-ARUP-02-OS-DR-YEGEO-000019



FOR INFORMATION

Legend

Study Area Boundary

Study Area Boundary

Roscommon/Leitrim County Boundary

Roscommon/Leitrim County Boundary

Railway Line

Railway Line

National Road

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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Comhairle Contae Ros Comáin
Roscommon County Council

An Roinn Iompair
Department of Transport

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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

Soils and Geology

Date

July 2021

Issue	Date	By	Chkd	Appd
P07	22/07/2022	AG	MMcE	RT
P06	01/03/2022	AG	MMcE	RT
P05	28/01/2022	AG	MMcE	RT
P04	23/07/2021	AG	MMcE	RT

Drawing Title

Soils and Geology Constraints
Bedrock Geology Map
Sheet 4 of 6

Suitability

For Information

Job No
274219

Figure ID
Figure 4.15.3.3

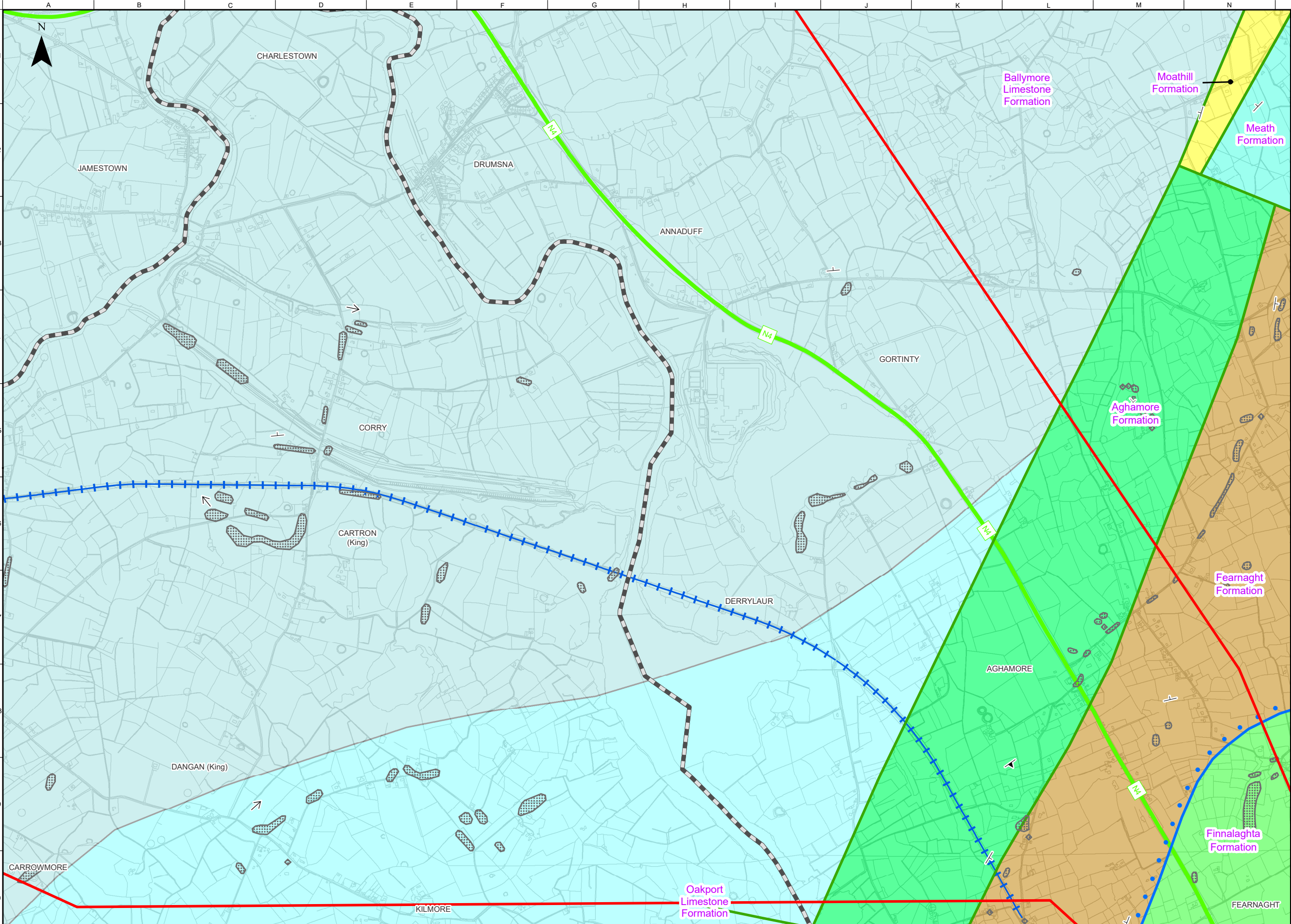
Rev.
P07

Drawing No

274219-ARUP-02-OS-DR-YEGEO-000020

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FOR INFORMATION

- Legend**
- Study Area Boundary**
- Study Area Boundary
 - Roscommon/Leitrim County Boundary
 - 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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Clients

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Leitrim County Council

ROS
MON

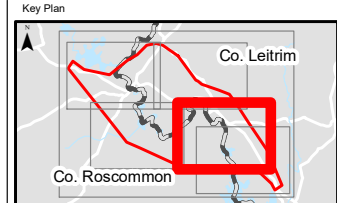
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Roscommon County Council

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Job Title
N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale: 1 : 20000 @A3

Role: Soils and Geology

Date: July 2021

P07	22/07/2022	AG	MMcE	RT
P06	01/03/2022	AG	MMcE	RT
P05	28/01/2022	AG	MMcE	RT
P04	23/07/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

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

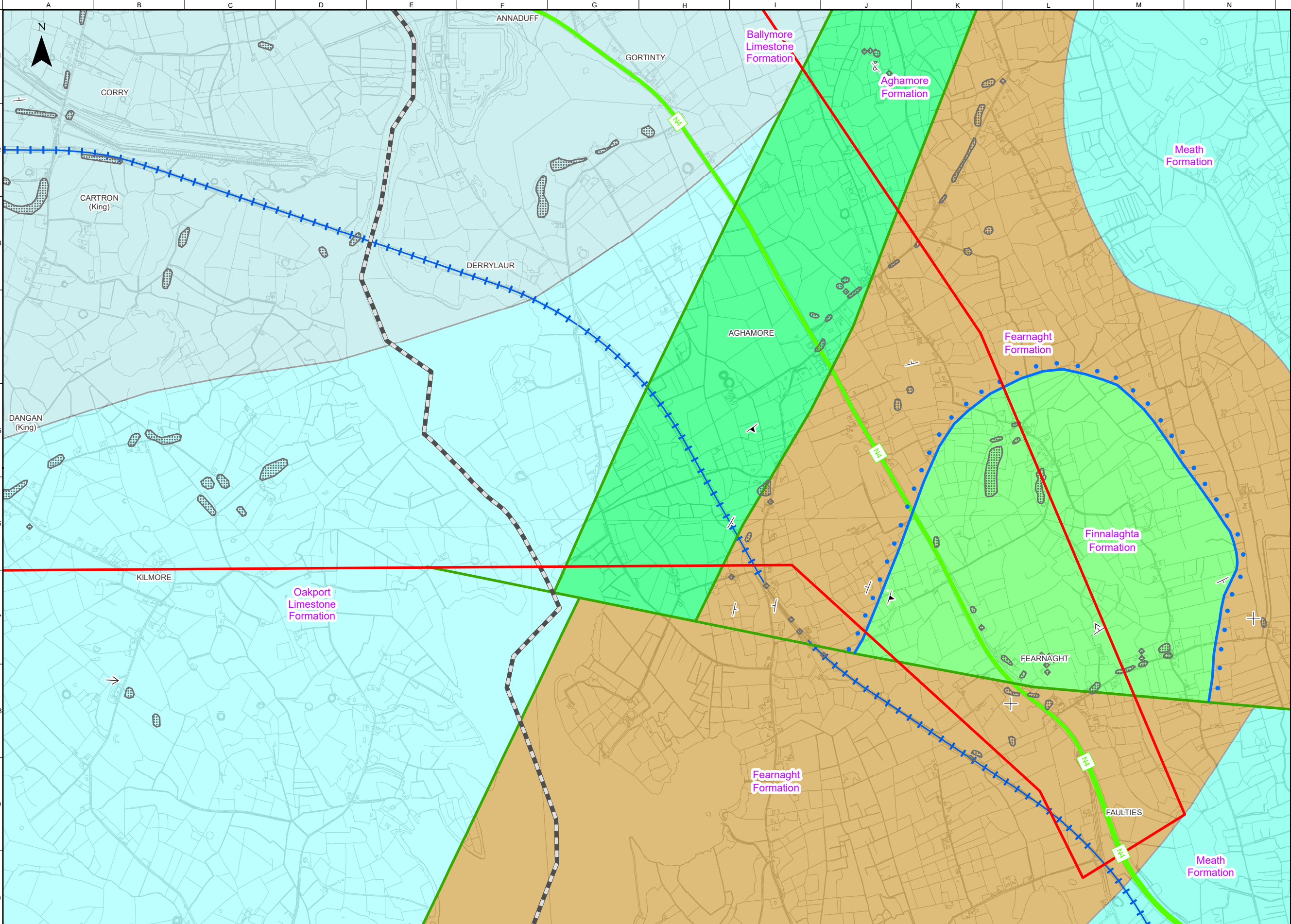
Drawing Title
Soils and Geology Constraints
Bedrock Geology Map
Sheet 5 of 6

Suitability

For Information

Job No	Figure ID	Rev.
274219	Figure 4.15.3.4	P07

Drawing No
274219-ARUP-02-OS-DR-YEGEO-000021



FOR INFORMATION

- Legend**
- Study Area Boundary**
- Study Area Boundary
 - Roscommon/Leitrim County Boundary
 - 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

Notes

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Clients

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Leitrim County Council

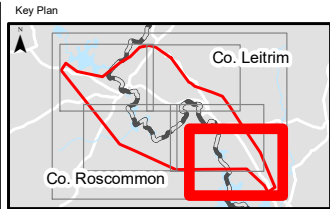
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Roscommon County Council

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Job Title

N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale: 1 : 20000 @A3

Role: Soils and Geology

Date: July 2021

P07	22/07/2022	AG	MMcE	RT
P06	01/03/2022	AG	MMcE	RT
P05	28/01/2022	AG	MMcE	RT
P04	23/07/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

Soils and Geology Constraints
Bedrock Geology Map
Sheet 6 of 6

Suitability

For Information

Job No	Figure ID	Rev.
274219	Figure 4.15.3.5	P07

Drawing No

274219-ARUP-02-OS-DR-YEGEO-000022