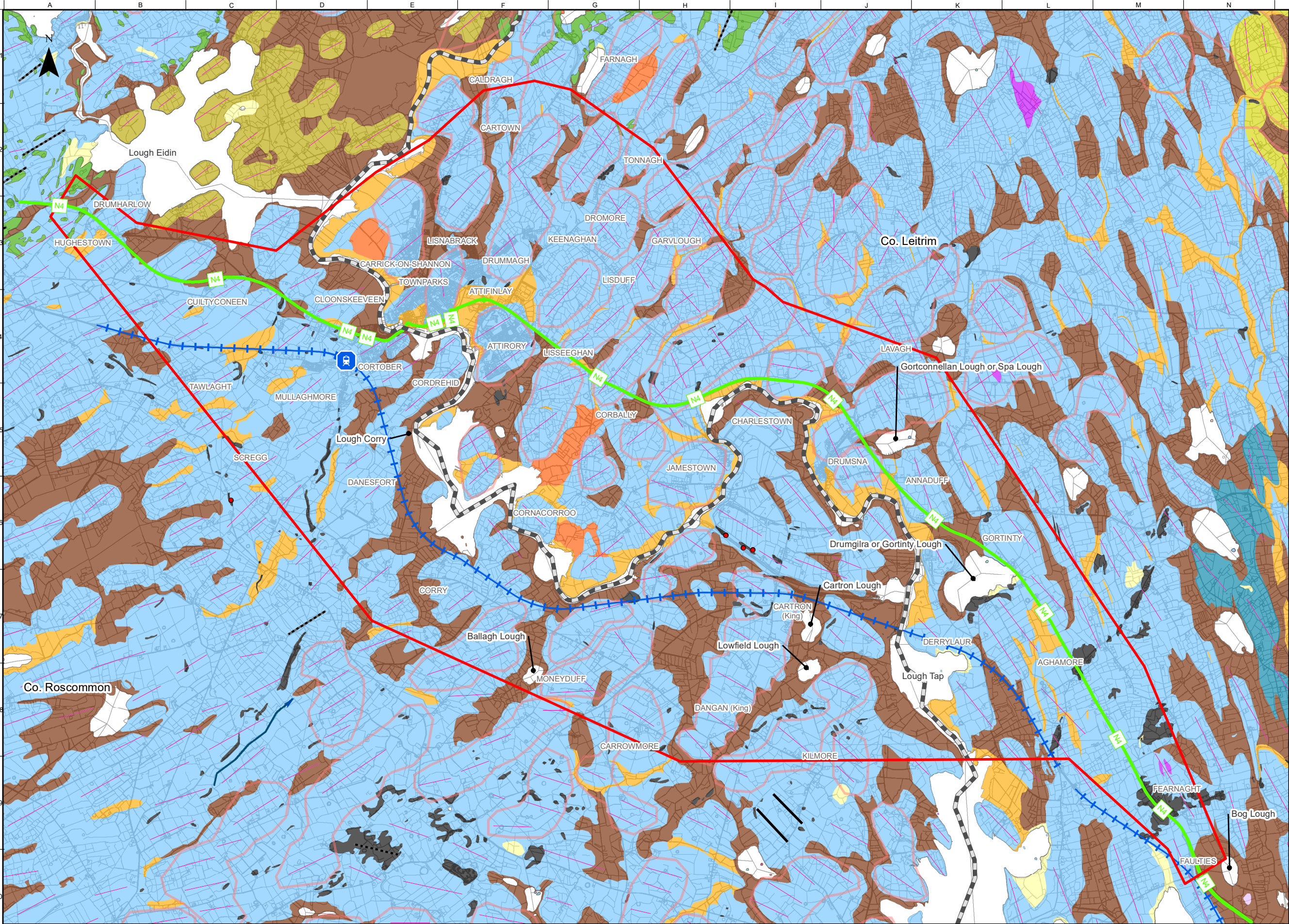




FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Railway Station

Railway Line

National Road

Quaternary Sediments

A, Alluvium

BktPt, Blanket Peat

Cut, Cut over raised peat

FenPt, Fen Peat

Fill, Made ground

KaRck, Kartsified bedrock outcrop or subcrop

L, Lacustrine sediments

Rck, Bedrock outcrop or subcrop

TCSSs, Till derived from Carboniferous sandstones

TDSSs, Till derived from Devonian sandstones

TLPSSs, Till derived from Lower Palaeozoic sandstones and shales

TLSch, Till derived from Silicified Limestone and cherts

TLs, Till derived from limestones

Tmp, Till derived from Metamorphic rocks

TNSSs, Till derived from Namurian sandstones and shales

Water

Meltwater Landforms

Meltwater channel

Subglacial Lineation (Large)

Crag-and-Tail

Drumlin

Streamlined Bedrock

Subglacial Lineation Striae

Striae

Subglacial Moraines

Ribbed Moraine

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

Notes

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Leitrim 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
Subsoil Deposits Map
Sheet 1 of 6

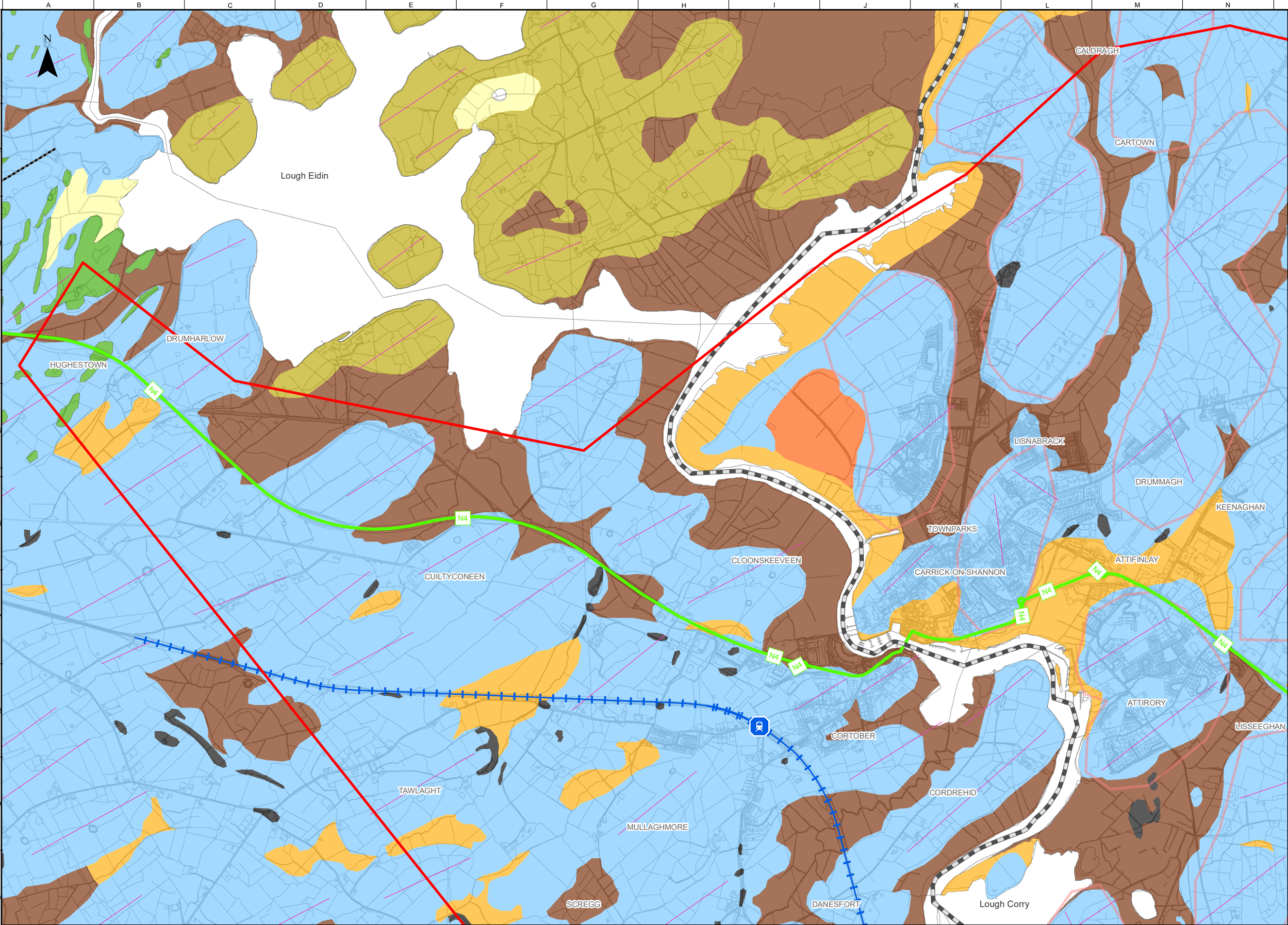
Suitability

For Information

Job No 274219	Figure ID Figure 4.15.2.0	Rev P07
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Drawing No
274219-ARUP-02-OS-DR-YEGEO-000009

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Railway Station

Railway Line

National Road

Quaternary Sediments

A, Alluvium

Cut, Cut over raised peat

FenPt, Fen Peat

KaRck, Kartsified bedrock outcrop or subcrop

L, Lacustrine sediments

Rck, Bedrock outcrop or subcrop

TLs, Till derived from limestones

TNSSs, Till derived from Namurian sandstones and shales

Water

Subglacial Lineation (Large)

Drumlin

Streamlined Bedrock

Subglacial Moraines

Ribbed Moraine

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

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
Subsoil Deposits Map
Sheet 2 of 6

Suitability

For Information

Job No

274219

Figure ID

Figure 4.15.2.1

Rev

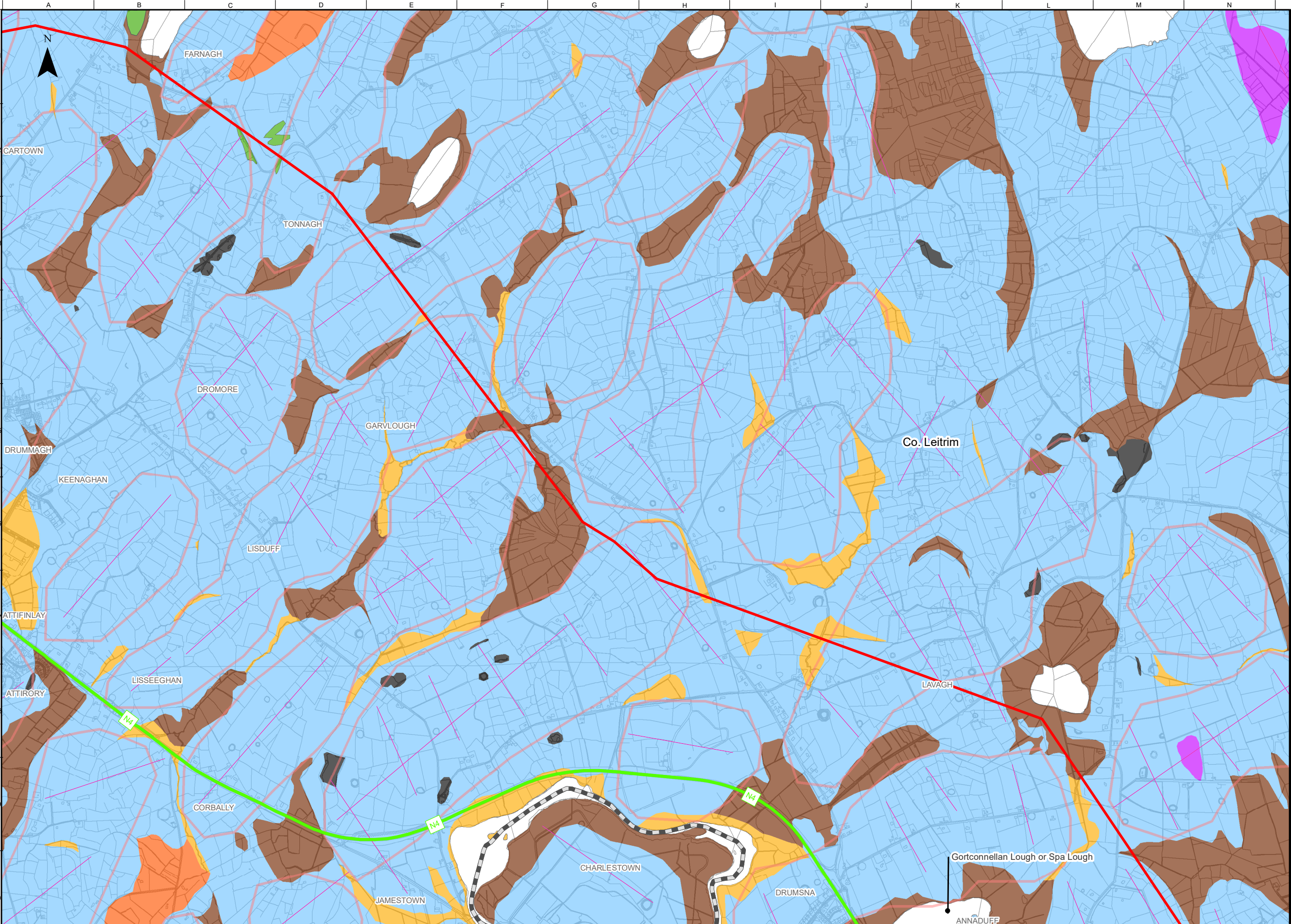
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Drawing No

274219-ARUP-02-OS-DR-YEGEO-000010

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

National Road

Quaternary Sediments

A, Alluvium

BktPt, Blanket Peat

Cut, Cut over raised peat

FenPt, Fen Peat

KaRck, Kartsified bedrock outcrop or subcrop

Rck, Bedrock outcrop or subcrop

TLs, Till derived from limestones

Water

Subglacial Lineation (Large)

Drumlin

Subglacial Moraines

Ribbed Moraine

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 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

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

Drawing Title
Soils and Geology Constraints
Subsoil Deposits Map
Sheet 3 of 6

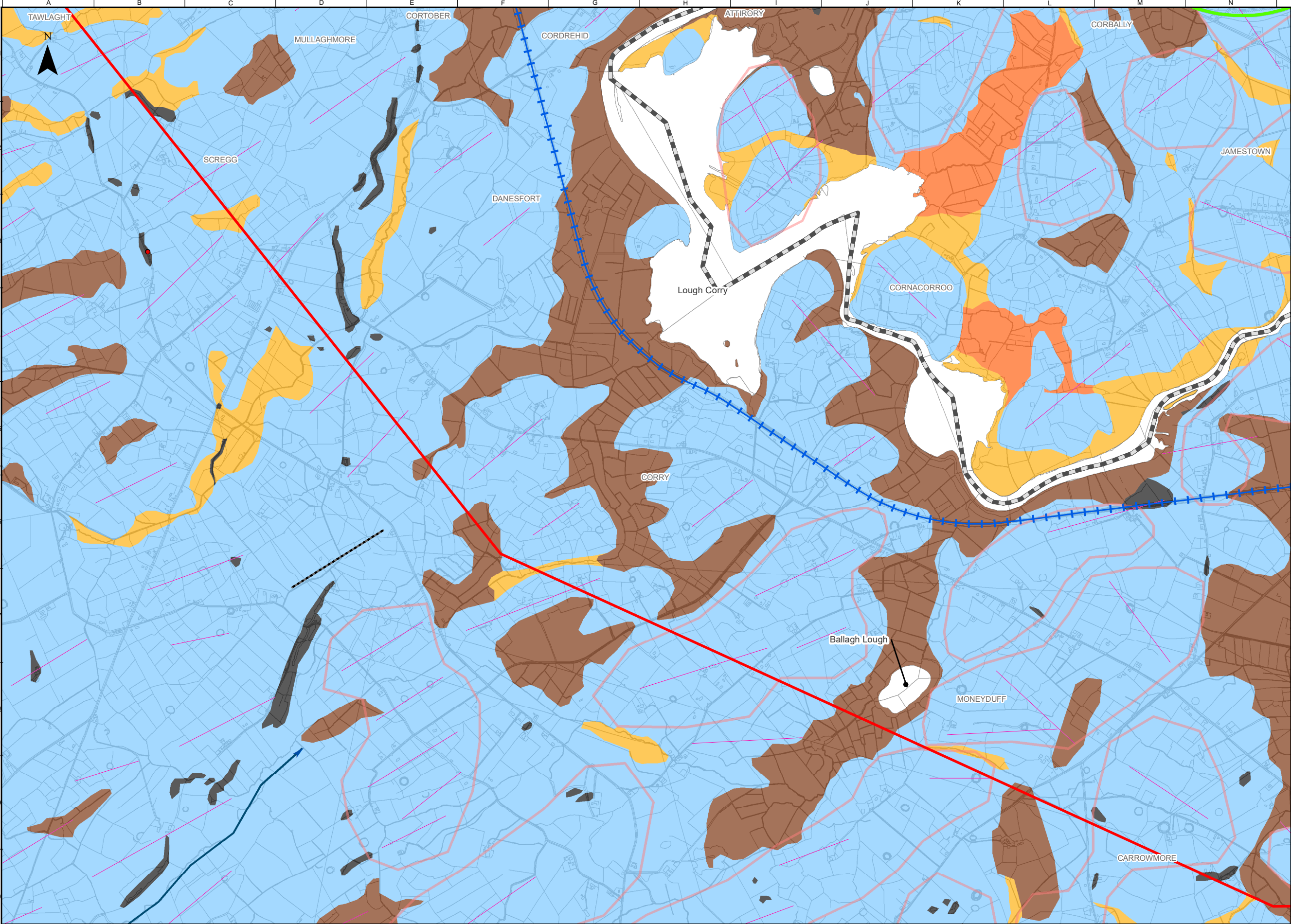
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Job No 274219	Figure ID Figure 4.15.2.2	Rev. P07
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Drawing No
274219-ARUP-02-OS-DR-YEGEO-000011

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Railway Line

National Road

Quaternary Sediments

A, Alluvium

Cut, Cut over raised peat

FenPt, Fen Peat

Rck, Bedrock outcrop or subcrop

TLs, Till derived from limestones

Water

Meltwater Landforms

Meltwater channel

Subglacial Lineation (Large)

Drumlin

Streamlined Bedrock

Subglacial Lineation Striae

Striae

Subglacial Moraines

Ribbed Moraine

OSI Licence number 2022/OSI_NMA_139

OSI Licence number 2022/18/CCMA

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Job Title
N4 Carrick-on-Shannon to Dromod Project

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
Subsoil Deposits Map
Sheet 4 of 6

Suitability

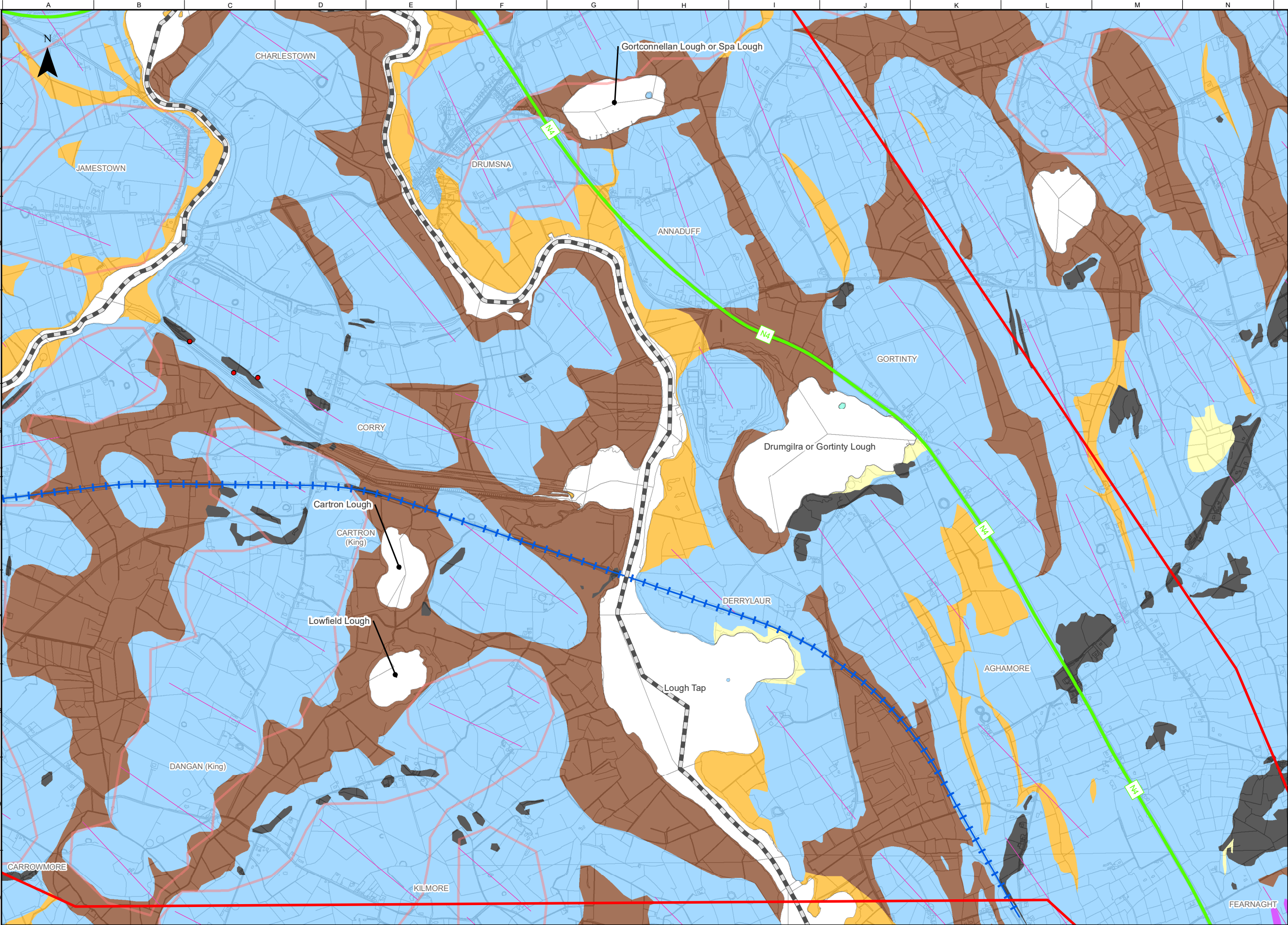
For Information

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274219	Figure 4.15.2.3	P07

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Railway Line

National Road

Quaternary Sediments

A, Alluvium

BktPt, Blanket Peat

Cut, Cut over raised peat

Fill, Made ground

L, Lacustrine sediments

Rck, Bedrock outcrop or subcrop

TLs, Till derived from limestones

Water

Subglacial Lineation (Large)

Drumlin

Subglacial Lineation Striae

Striae

Subglacial Moraines

Ribbed Moraine

Notes

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Clients



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Job Title

N4 Carrick-on-Shannon to Dromod Project



Carrick-on-Shannon to Dromod

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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
Subsoil Deposits Map
Sheet 5 of 6

Suitability

For Information

Job No

274219

Figure ID

Figure 4.15.2.4

Rev.

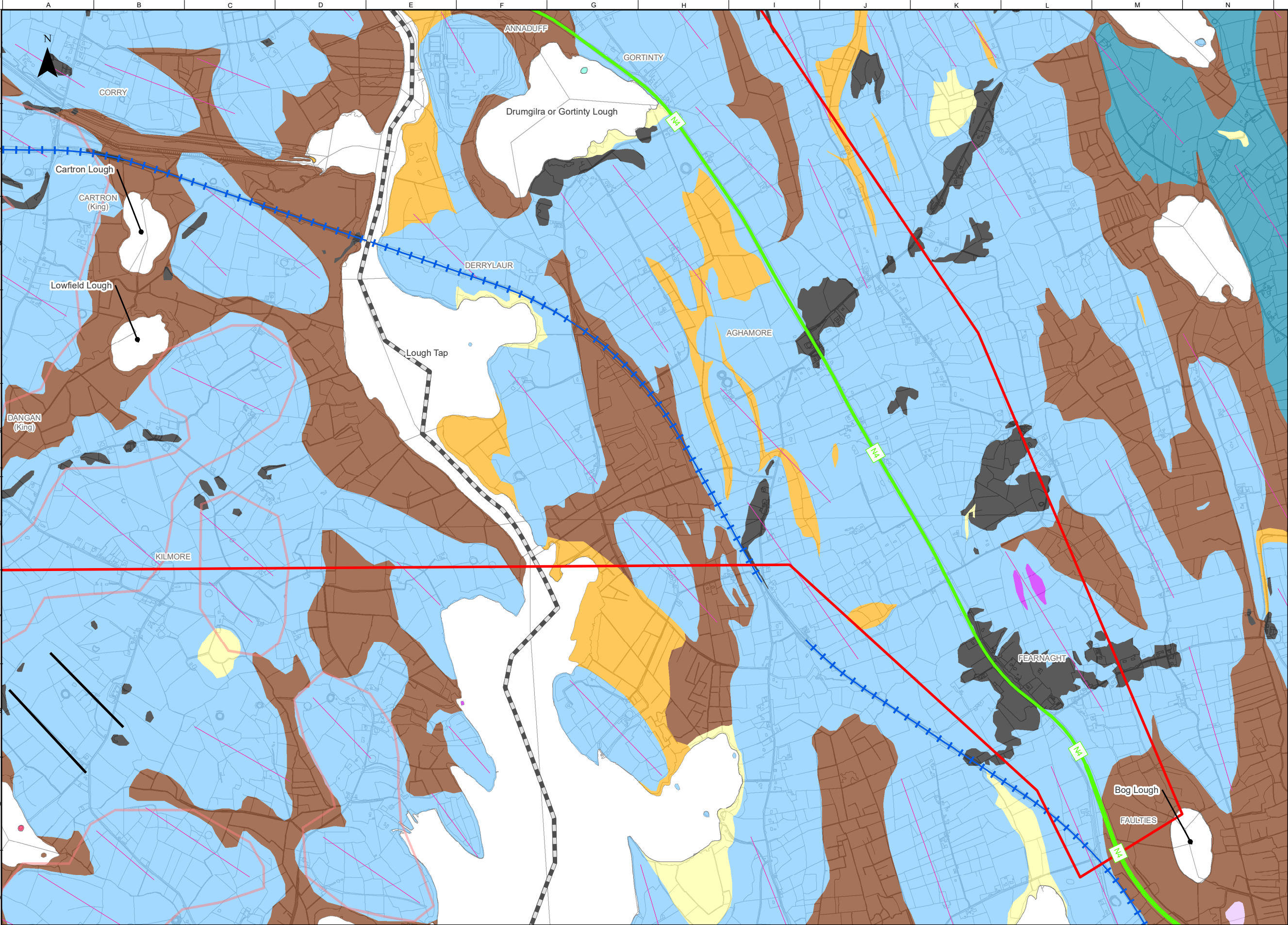
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274219-ARUP-02-OS-DR-YEGEO-000013

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Railway Line

National Road

Quaternary Sediments

A, Alluvium

BktPt, Blanket Peat

Cut, Cut over raised peat

Fill, Made ground

L, Lacustrine sediments

Rck, Bedrock outcrop or subcrop

TCSSs, Till derived from Carboniferous sandstones

TDSSs, Till derived from Devonian sandstones

TLPSsS, Till derived from Lower Palaeozoic sandstones and shales

TLs, Till derived from limestones

Water

Subglacial Lineation (Large)

Crag-and-Tail

Drumlin

Subglacial Lineation Striae

Striae

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Ribbed Moraine

Notes

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N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

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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
Subsoil Deposits Map
Sheet 6 of 6

Suitability

For Information

Job No

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Figure ID

Figure 4.15.2.5

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P07

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