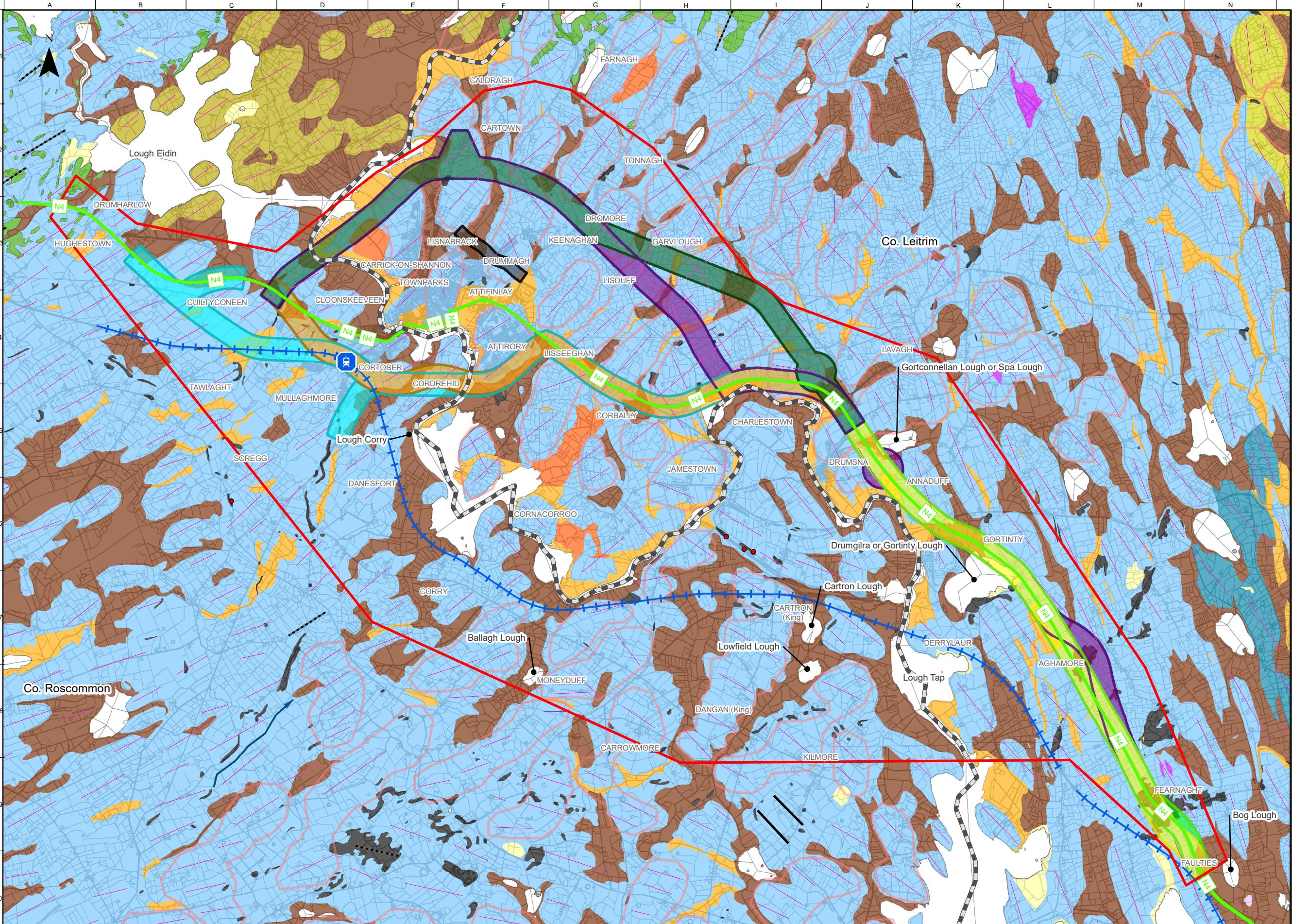




FOR INFORMATION

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

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

TDSs, 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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An Roinn Iompair

Department of Transport

Tionscadal Éireann

Project Ireland

2040

TII

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Transport Infrastructure Ireland

ROSCOMMON

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Job Title

N4 Carrick-on-Shannon to Dromod Project

Scale 1 : 50000 @A3

Role Soils and Geology

Date December 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	03/12/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

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

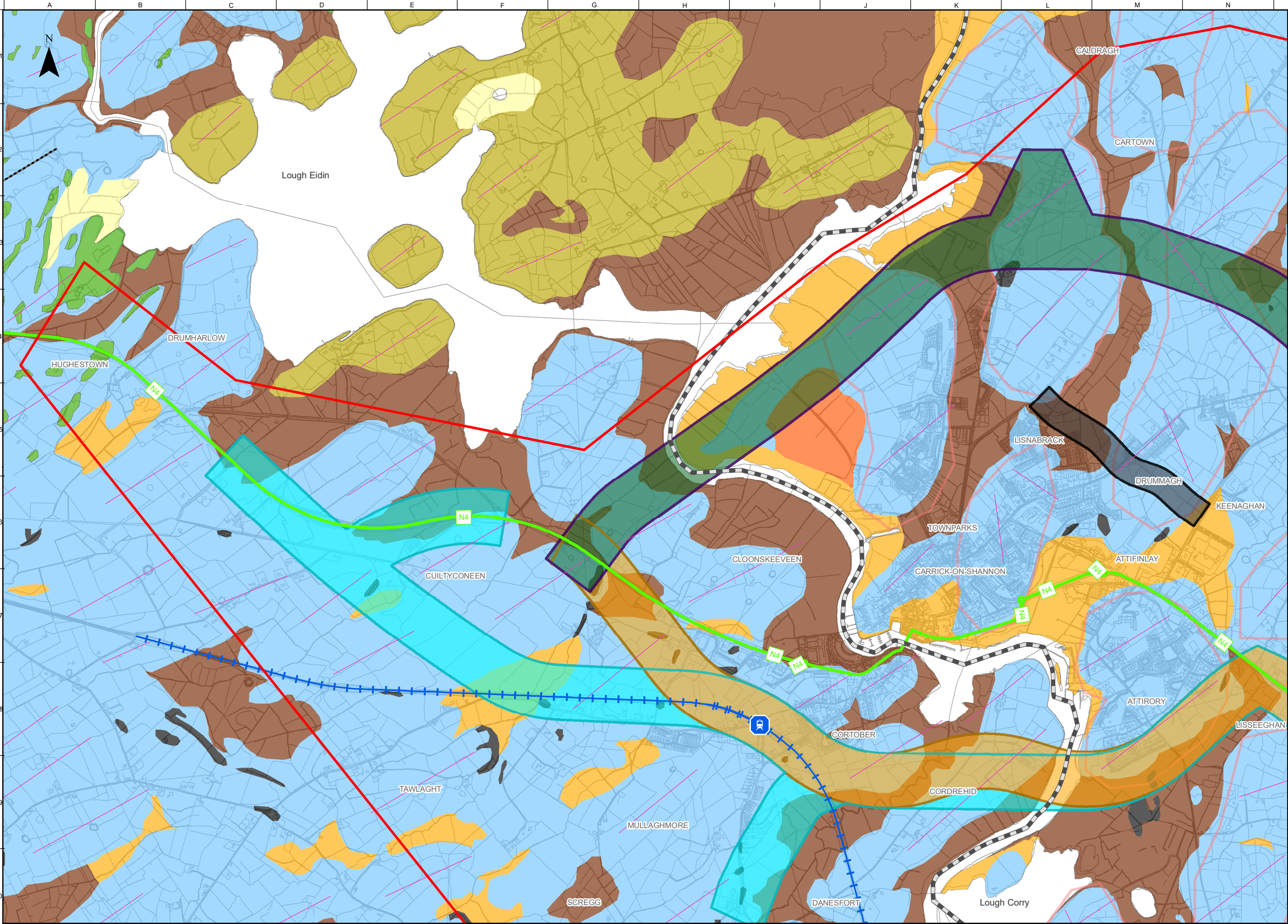
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Drawing No 274219-ARUP-02-OS-DR-YEGEO-002009

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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

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

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 December 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	03/12/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 2 Option Corridors
Soils and Geology Constraints
Subsoil Deposits Map
Sheet 2 of 6

Issued for Information (Status S3)

Job No 274219

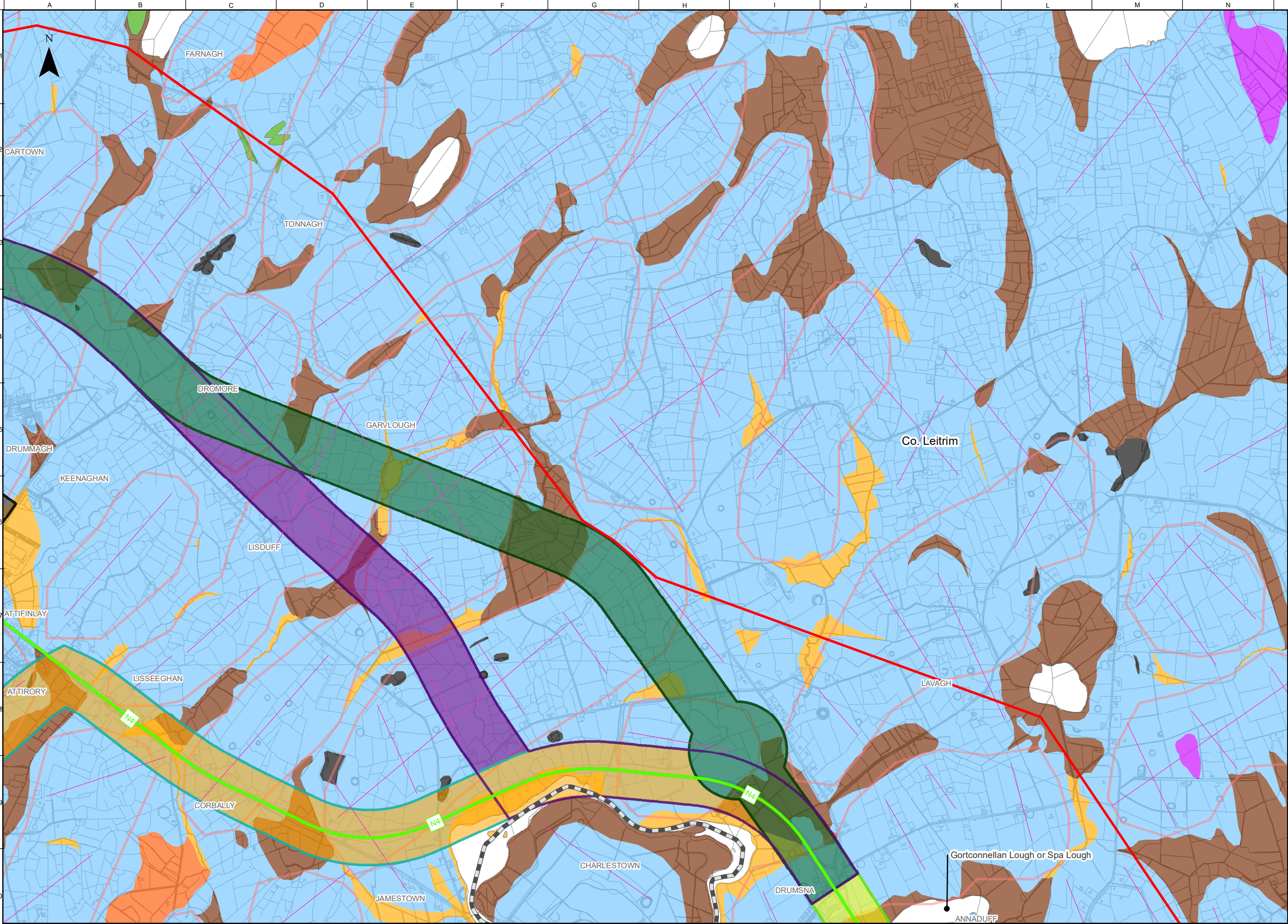
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Rev. P04

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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

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 December 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	03/12/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 2 Option Corridors
Soils and Geology Constraints
Subsoil Deposits Map
Sheet 3 of 6

Suitability

Issued for Information (Status S3)

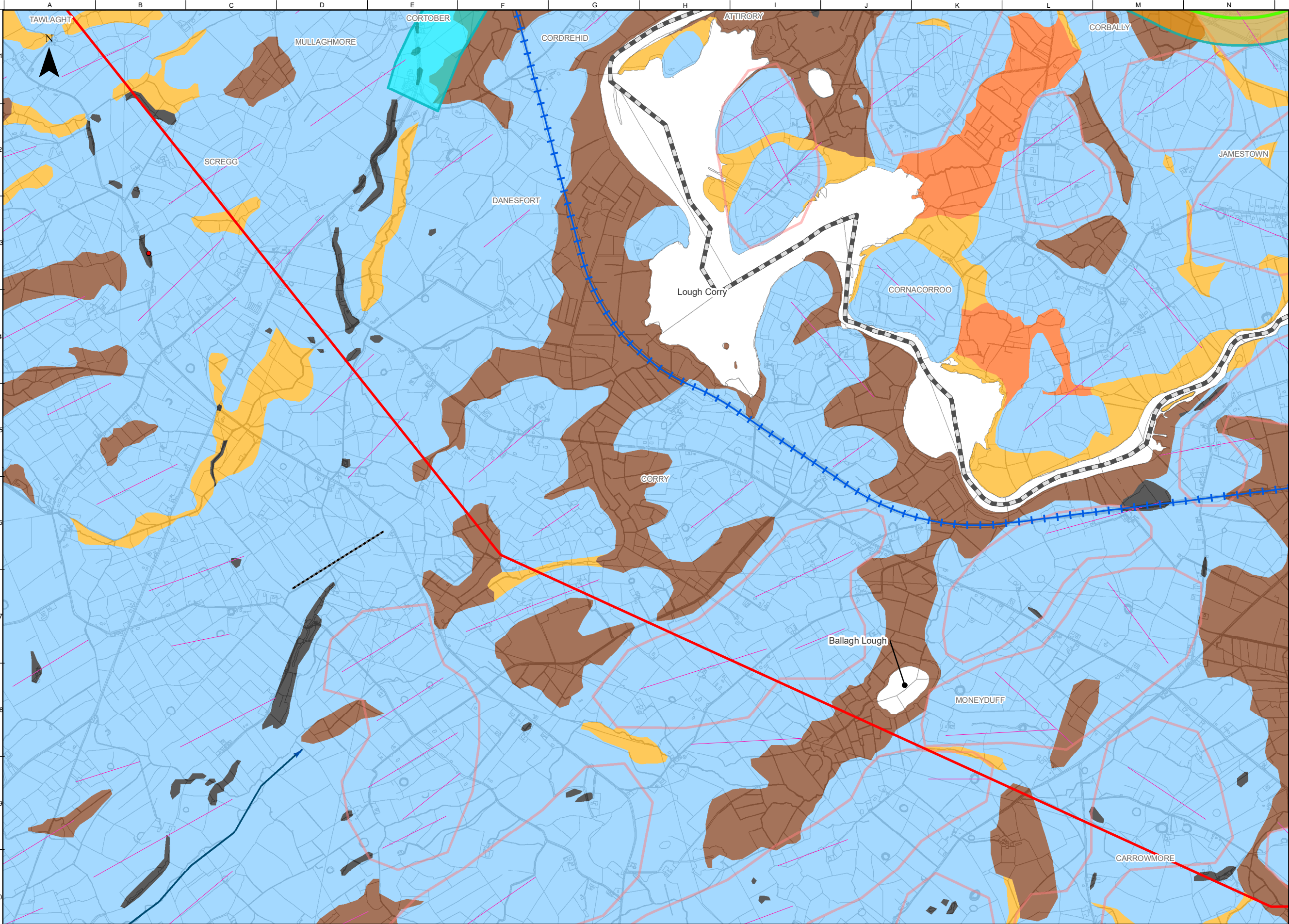
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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 2 Option Corridors

Cyan Option Corridor

Orange Option Corridor

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

Notes

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Clients

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Transport Infrastructure Ireland

Comhairle Contae Ros Comáin
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Comhairle Contae Ros Comáin
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Job Title

N4 Carrick-on-Shannon to Dromod Project

Scale 1 : 20000 @A3

Role Soils and Geology

Date December 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	03/12/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 2 Option Corridors
Soils and Geology Constraints
Subsoil Deposits Map

Sheet 4 of 6

Issued for Information (Status S3)

Job No 274219

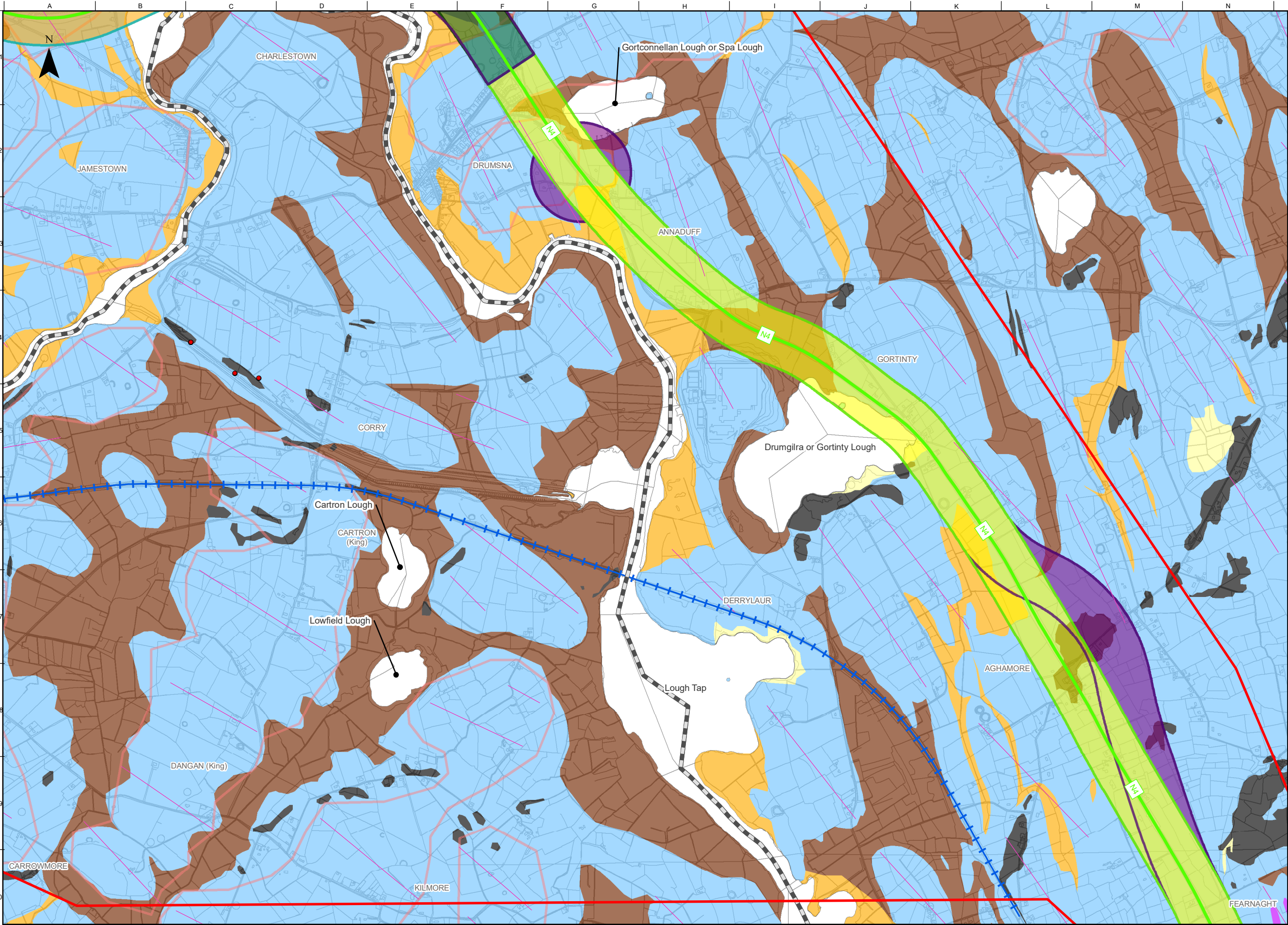
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Rev. P04

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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
 - 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

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

Notes

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Leitrim County Council**

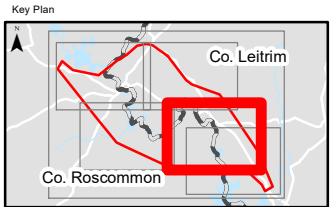
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Roscommon County Council**

**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 Soils and Geology

Date December 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	03/12/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

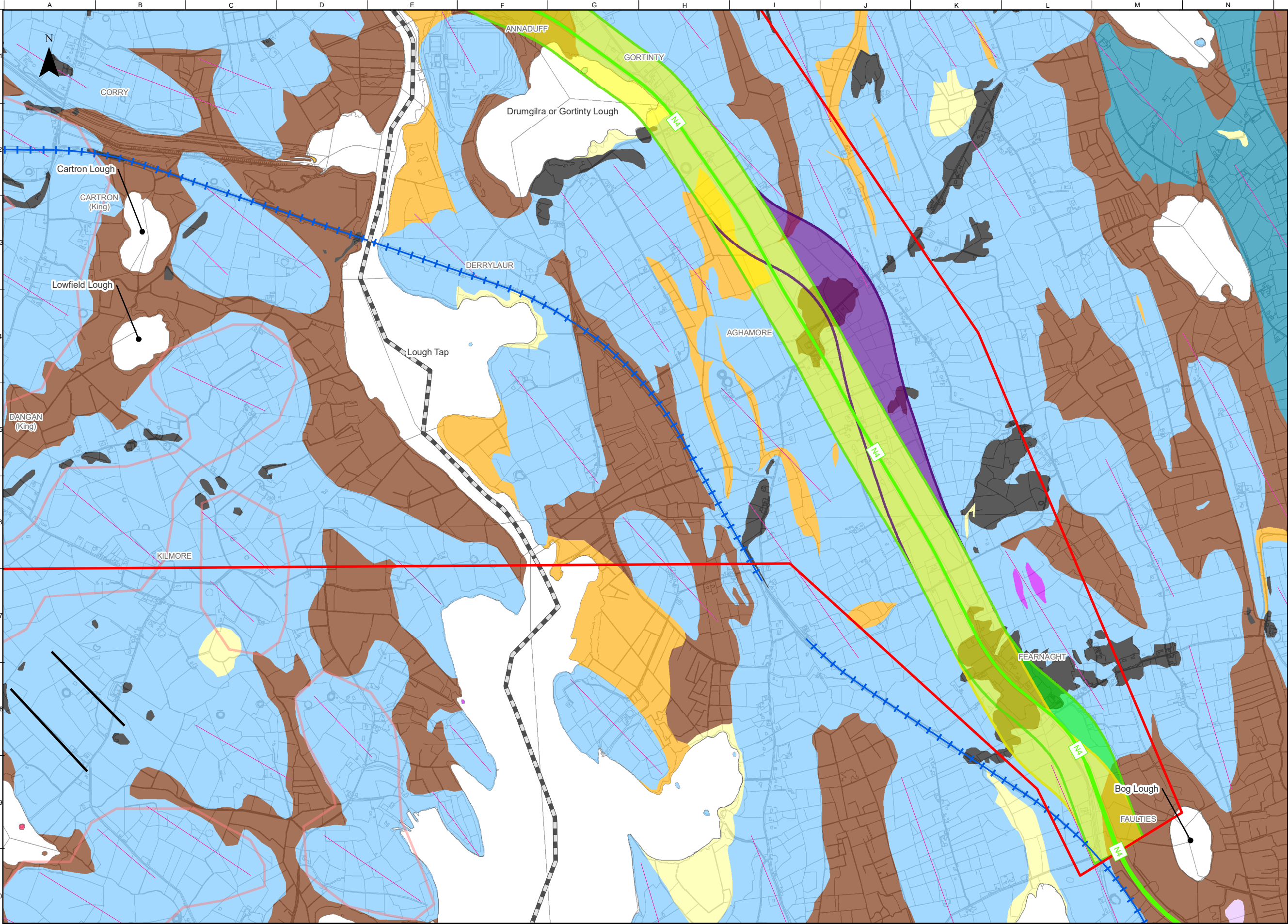
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Stage 2 Option Corridors
Soils and Geology Constraints
Subsoil Deposits Map
Sheet 5 of 6

Suitability

Issued for Information (Status S3)

Job No 274219	Figure ID Figure 8.8.12.2.4	Rev. P04
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Drawing No
274219-ARUP-02-OS-DR-YEGEO-002013



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 2 Option Corridors

Yellow Option Corridor

Green Option Corridor

Purple East Option Corridor

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

TLPSs, 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

Subglacial Moraines

Ribbed Moraine

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 December 2021

P04	22/07/2022	AG	MMcE	RT
P03	01/03/2022	AG	MMcE	RT
P02	28/01/2022	AG	MMcE	RT
P01	03/12/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title

Stage 2 Option Corridors
Soils and Geology Constraints
Subsoil Deposits Map
Sheet 6 of 6

Suitability

Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 8.8.12.2.5	P04

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