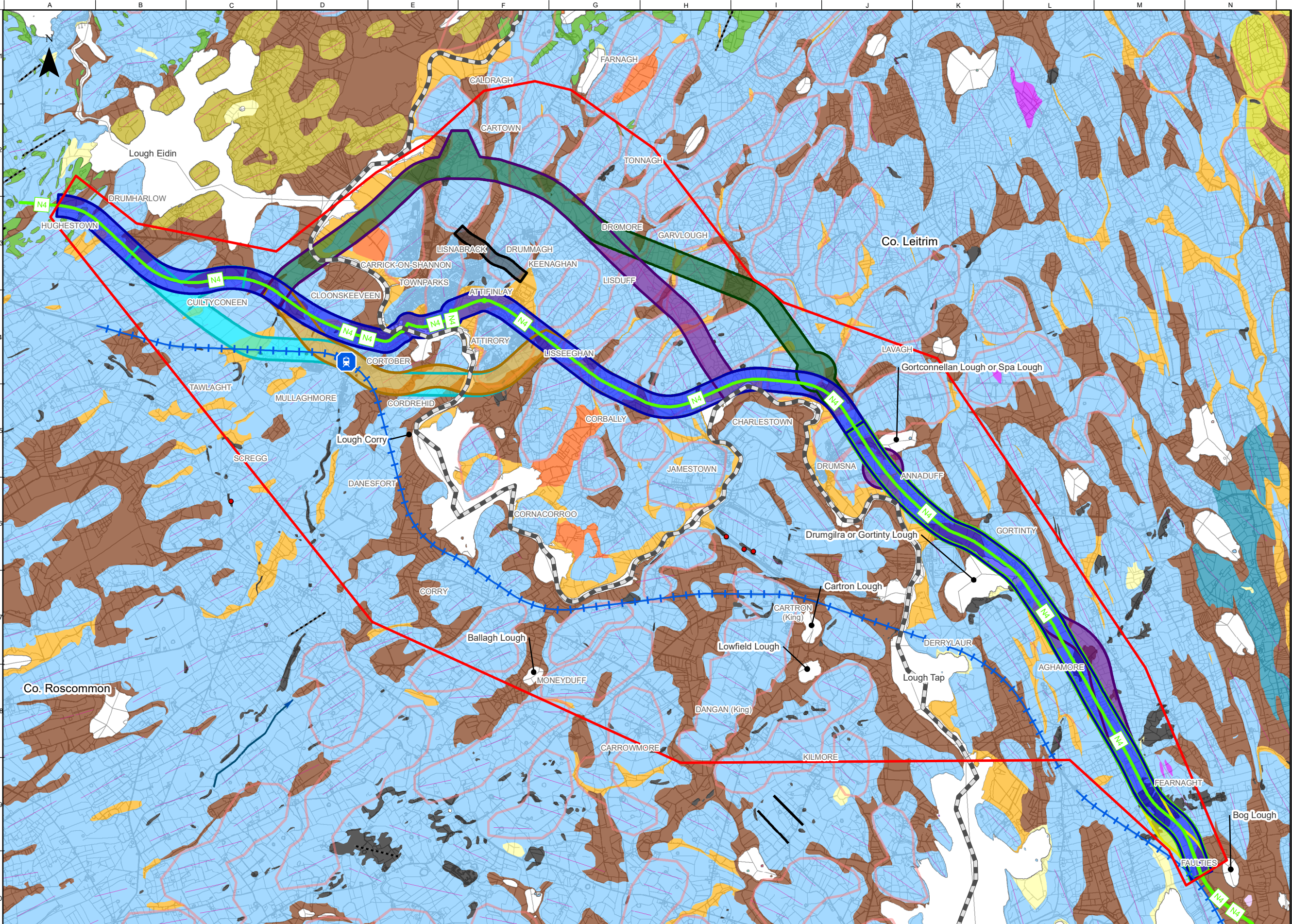




FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

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

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

Comhairle Contae Ros Comáin
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 : 50000 @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
Subsoil Deposits Map
Sheet 1 of 6

Issued for Information (Status S3)

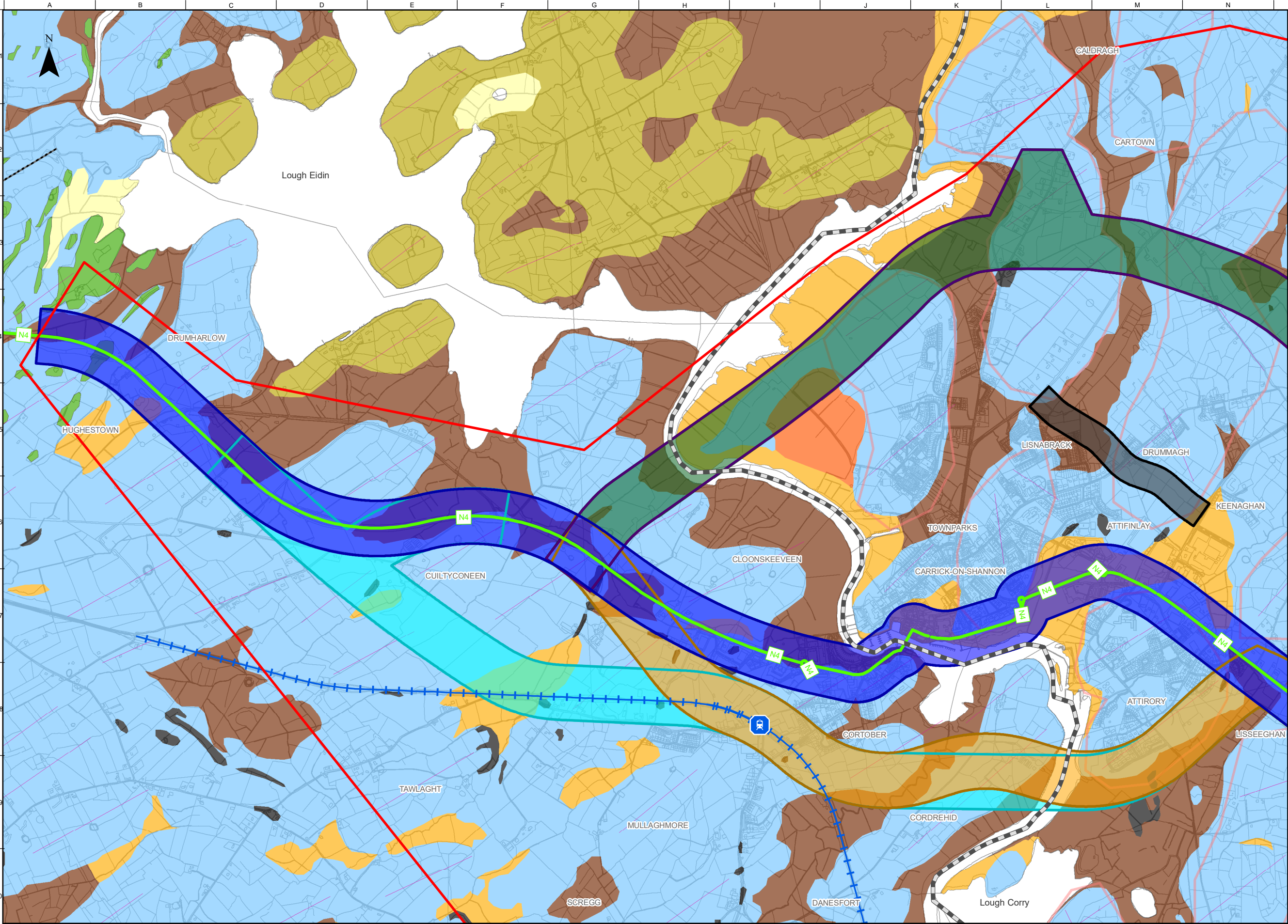
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274219	Figure 7.5.12.2.0	P04

Drawing No

274219-ARUP-02-OS-DR-YEGEO-001009

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

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

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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Leitrim County Council

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Department of Transport

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Roscommon County Council

ROS
MON

Key Plan

Co. Leitrim

Co. Roscommon

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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
Subsoil Deposits Map
Sheet 2 of 6

Issued for Information (Status S3)

Job No

274219

Figure ID

Figure 7.5.12.2.1

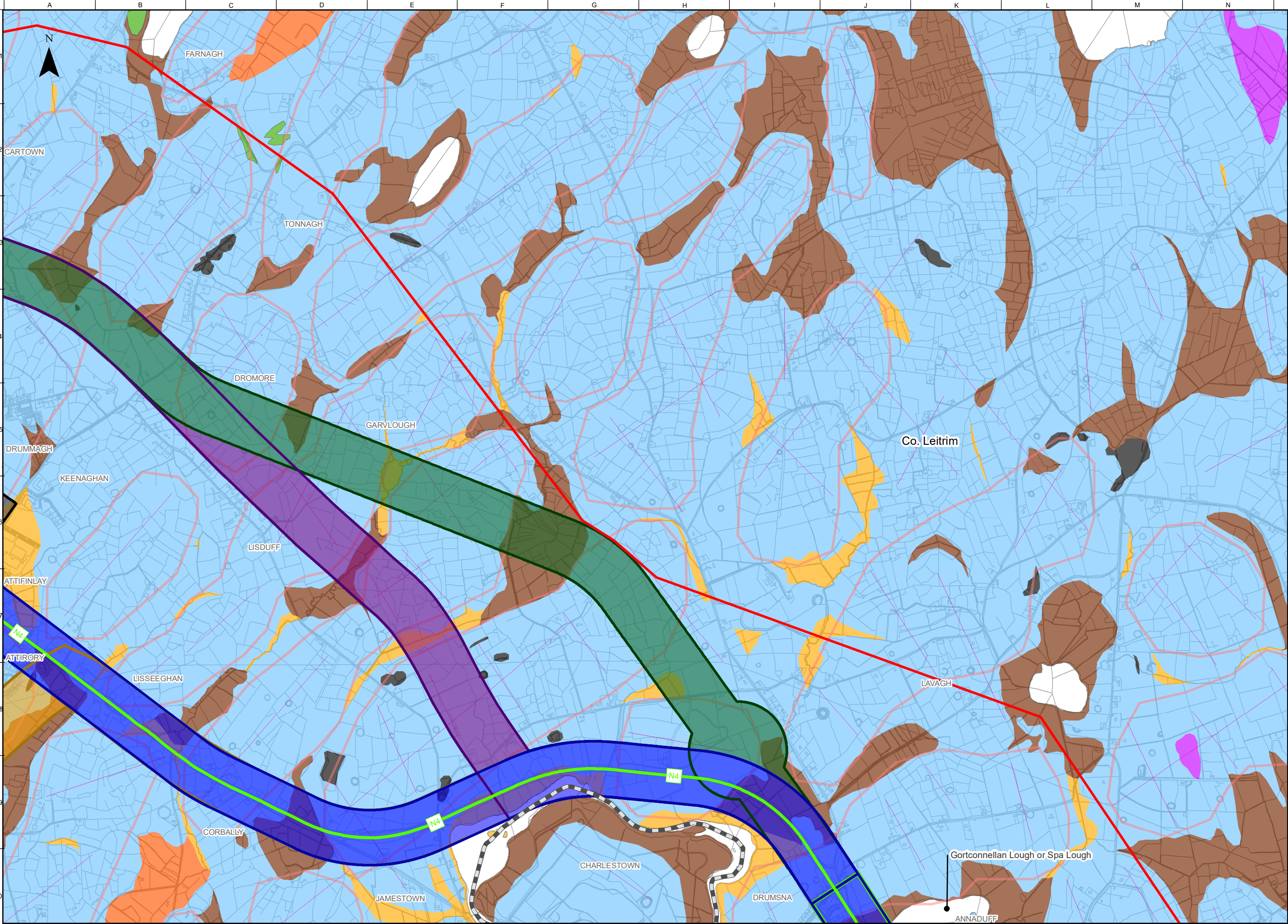
Rev.

P04

Drawing No

274219-ARUP-02-OS-DR-YEGEO-001010

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

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

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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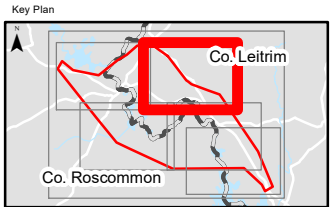
Note Séanta:
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Job Title
N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale: 1 : 20000 @A3

Role: Soils and Geology

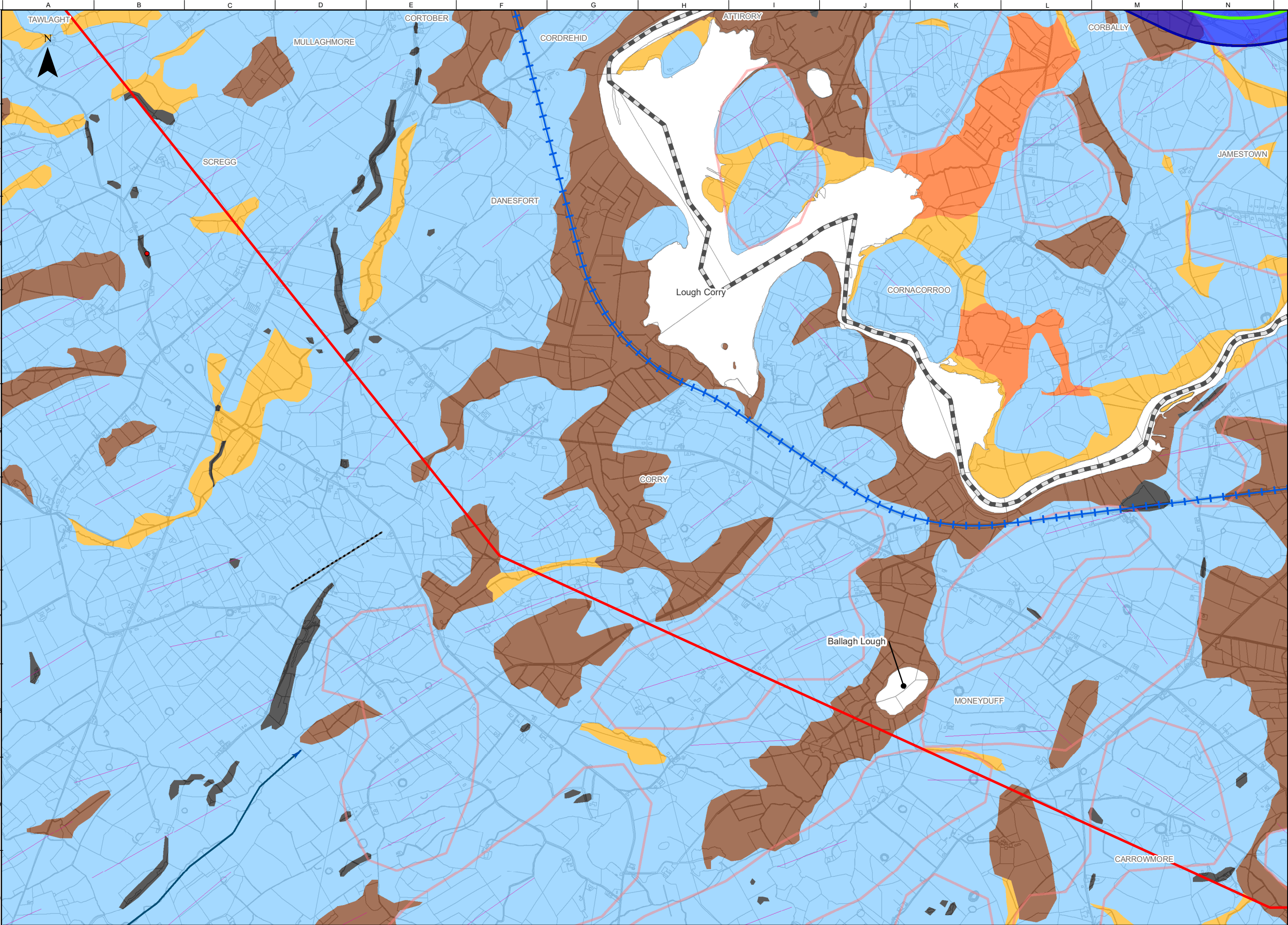
Date: October 2021

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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
Subsoil Deposits Map
Sheet 3 of 6
Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.12.2.2	P04

Drawing No
274219-ARUP-02-OS-DR-YEGEO-001011



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

Cyan Option Corridor

Orange Option Corridor

Blue West 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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Leitrim County Council

An Roinn Iompair

Department of Transport

Tionscadal Éireann

Project Ireland

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Bonneagar Iompair Éireann

Transport Infrastructure Ireland

Comhairle Contae Ros Comáin

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

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

Subsoil Deposits Map

Sheet 4 of 6

Suitability

Issued for Information (Status S3)

Job No

274219

Figure ID

Figure 7.5.12.2.3

Rev.

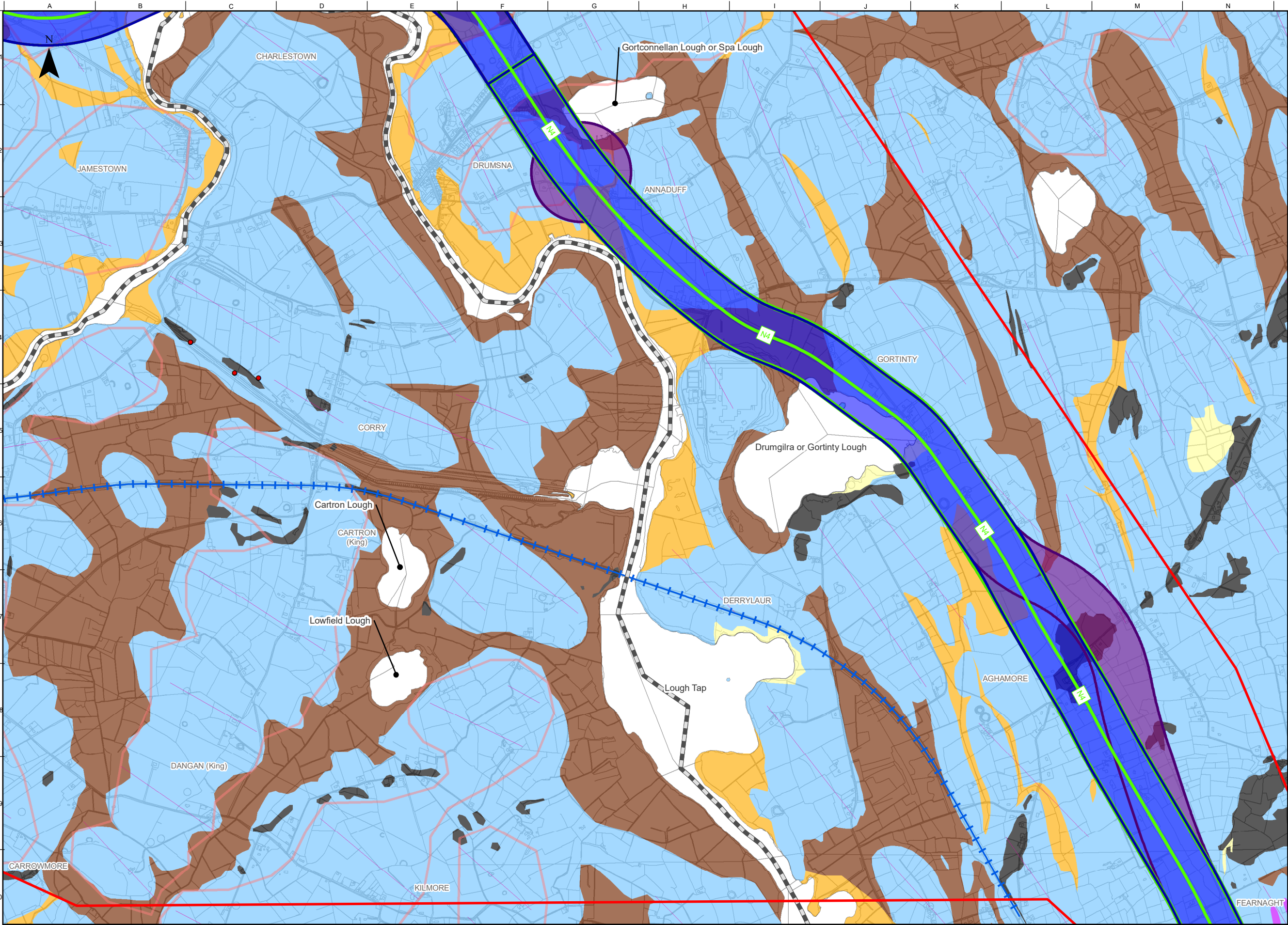
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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

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

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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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 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
Subsoil Deposits Map
Sheet 5 of 6

Suitability

Issued for Information (Status S3)

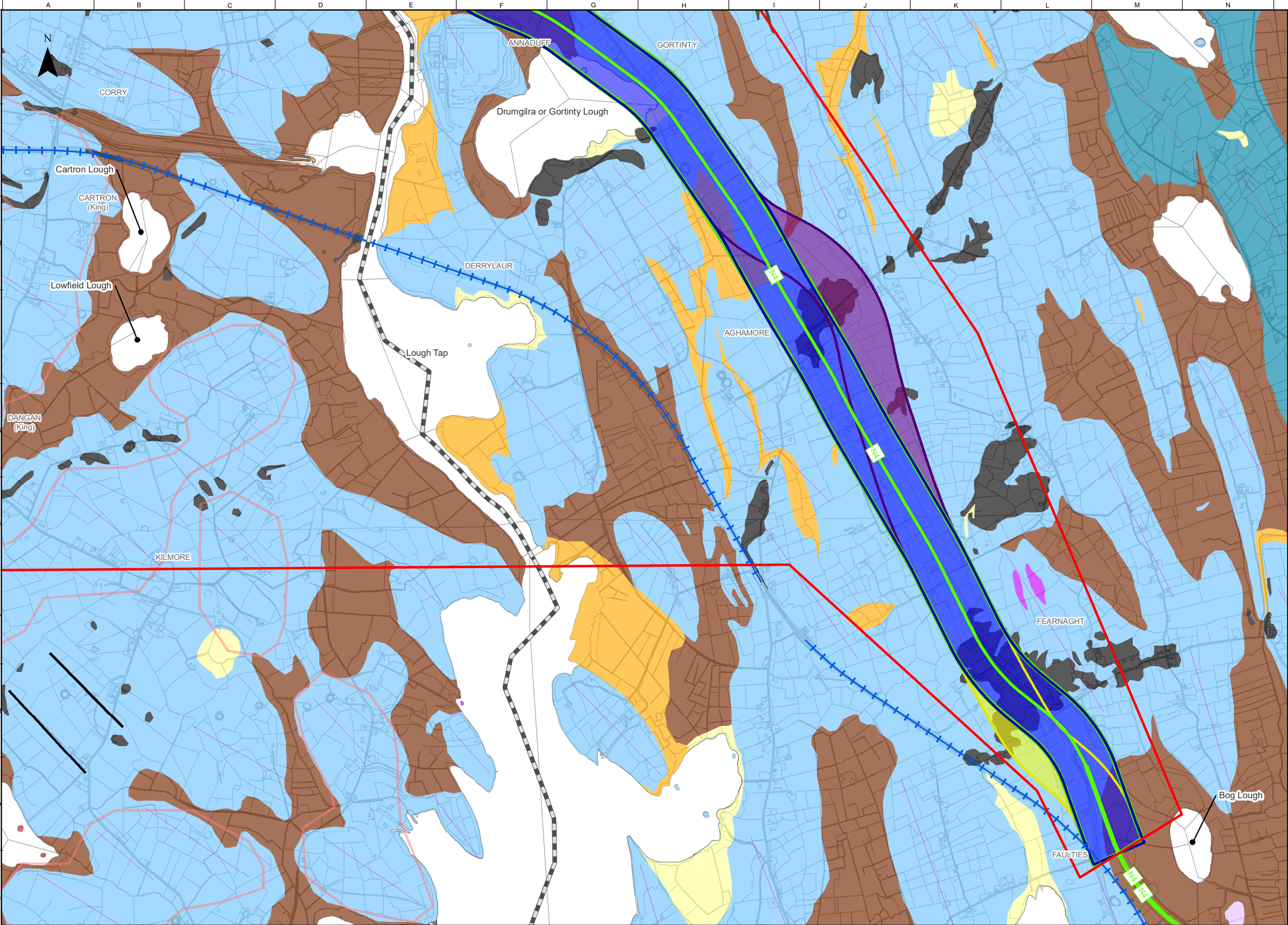
Job No	Figure ID	Rev.
274219	Figure 7.5.12.2.4	P04

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FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Stage 1 Option Corridors

Yellow Option Corridor

Green Option Corridor

Purple East Option Corridor

Blue 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

TCSS, Till derived from Carboniferous sandstones

TDSS, 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

Subglacial Moraines

Ribbed Moraine

Notes

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Leitrim County Council

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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
Subsoil Deposits Map
Sheet 6 of 6

Suitability

Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.12.2.5	P04

Drawing No

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