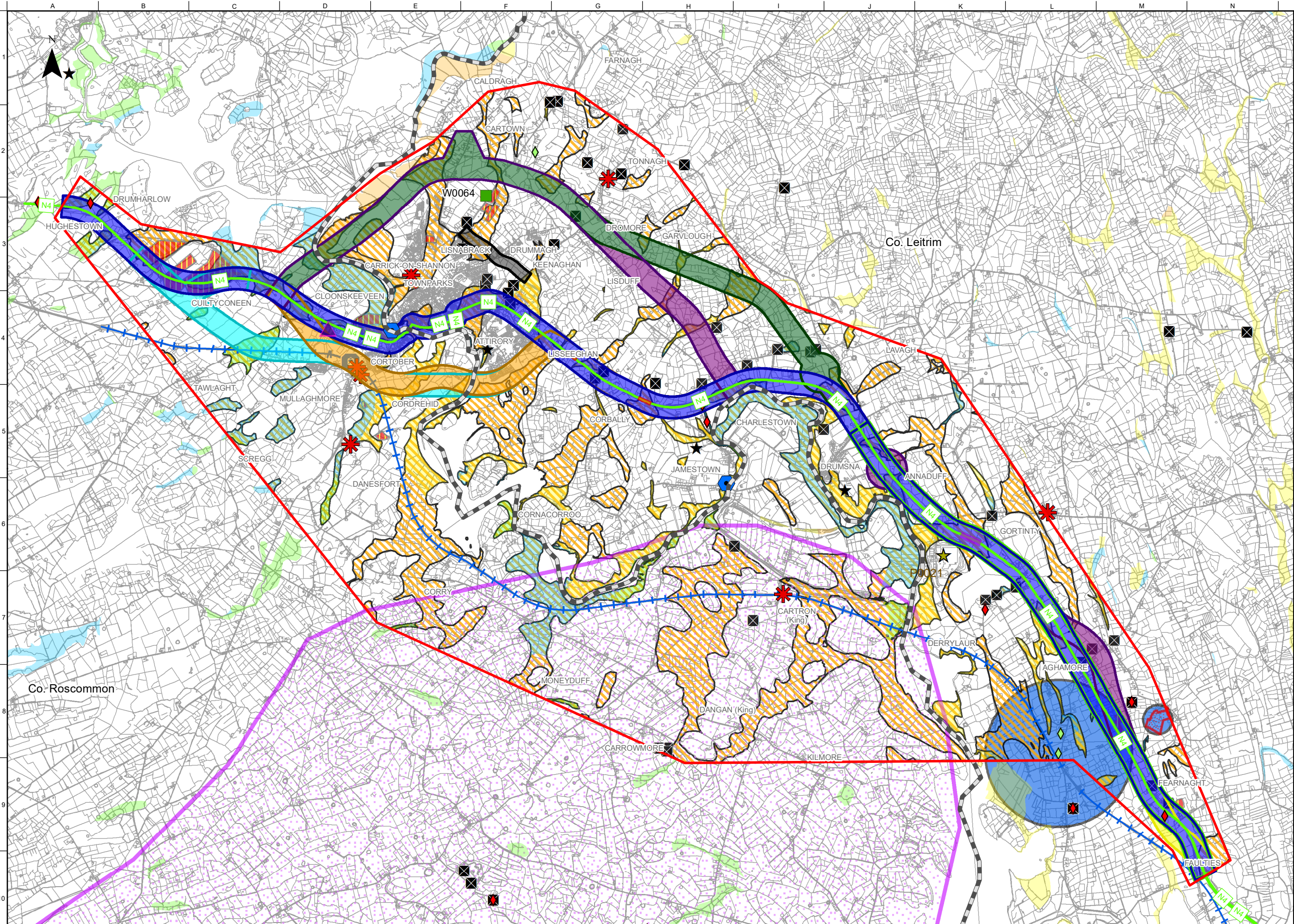




FOR INFORMATION

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

EPA Section 4 Discharge Sites

Urban Waste Water Treatment (UWWT) Plant Location

Industrial Emissions Licence

Known Engineering Issues

Piled Embankments

Integrated Pollution Control (IPC) Site

Audited Geological Heritage Sites

Unaudited Geological Heritage Sites

Soft Soil Deposits

Waste Related Sites

Registered Quarries

Historic Heavy Industrial Sites

Historic Pit & Quarry Location

Granular Aggregate Final Scores

Very High potential

High potential

Moderate potential

Very Low potential

Low potential

EPA Licensed Waste Facility

Mineral Locations

Metallic

Non-metallic

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 : 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
Geological Pressures
Sheet 1 of 6

Issued for Information (Status S3)

Job No
274219

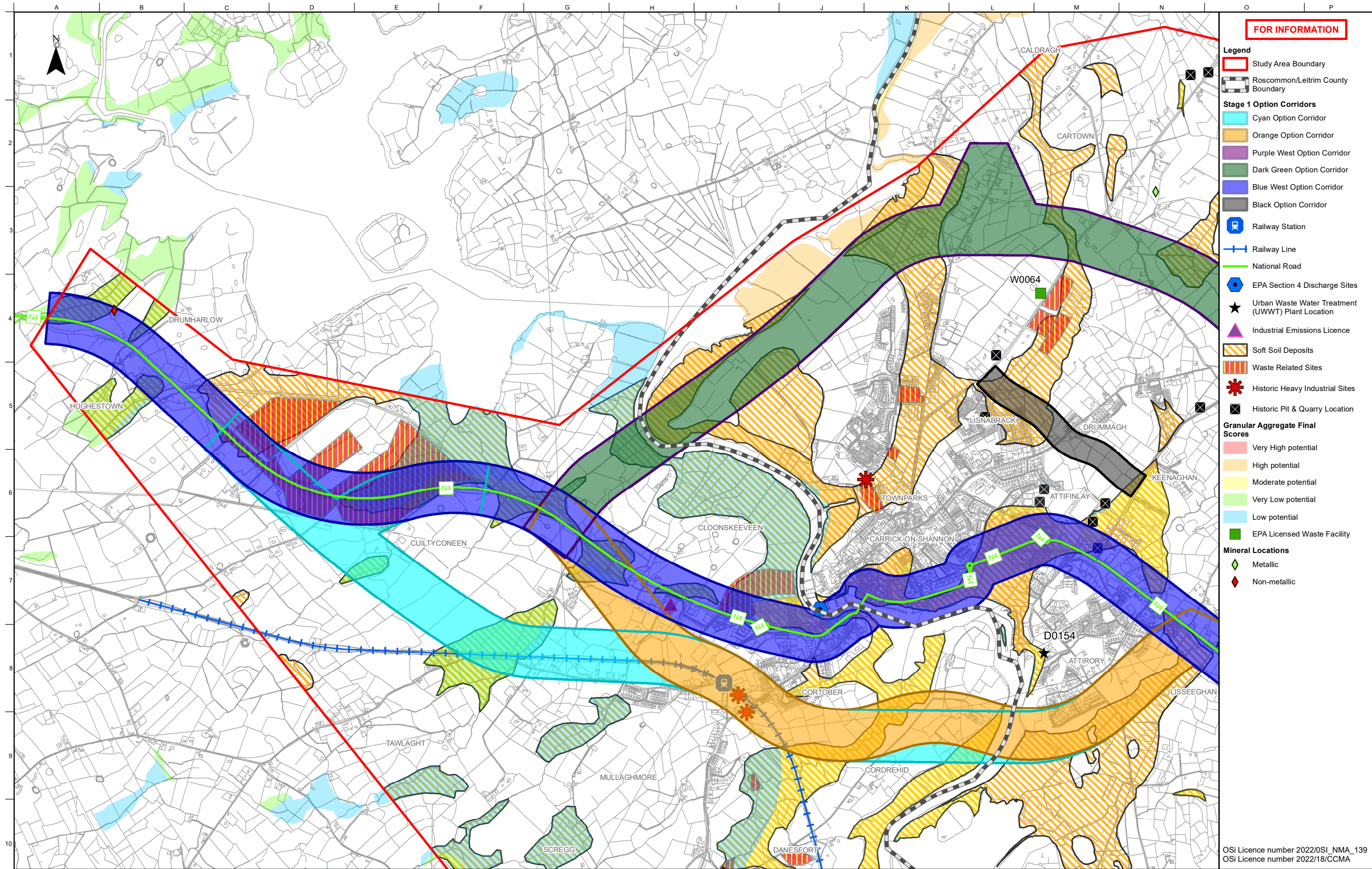
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Rev.
P04

Drawing No
274219-ARUP-02-OS-DR-YEGEO-001025

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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

EPA Section 4 Discharge Sites

Urban Waste Water Treatment (UWWT) Plant Location

Industrial Emissions Licence

Soft Soil Deposits

Waste Related Sites

Historic Heavy Industrial Sites

Historic Pit & Quarry Location

Granular Aggregate Final Scores

Very High potential

High potential

Moderate potential

Very Low potential

Low potential

EPA Licensed Waste Facility

Mineral Locations

Metallic

Non-metallic

Notes

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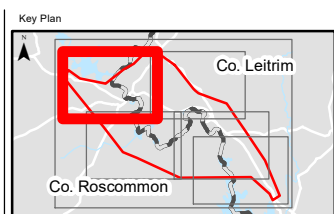
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Leitrim County Council

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Project Ireland
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Bonnegar Timpair Éireann
Transport Infrastructure Ireland

An Roinn Timpair
Department of Transport

Comhairle Contae Ros Comáin
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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

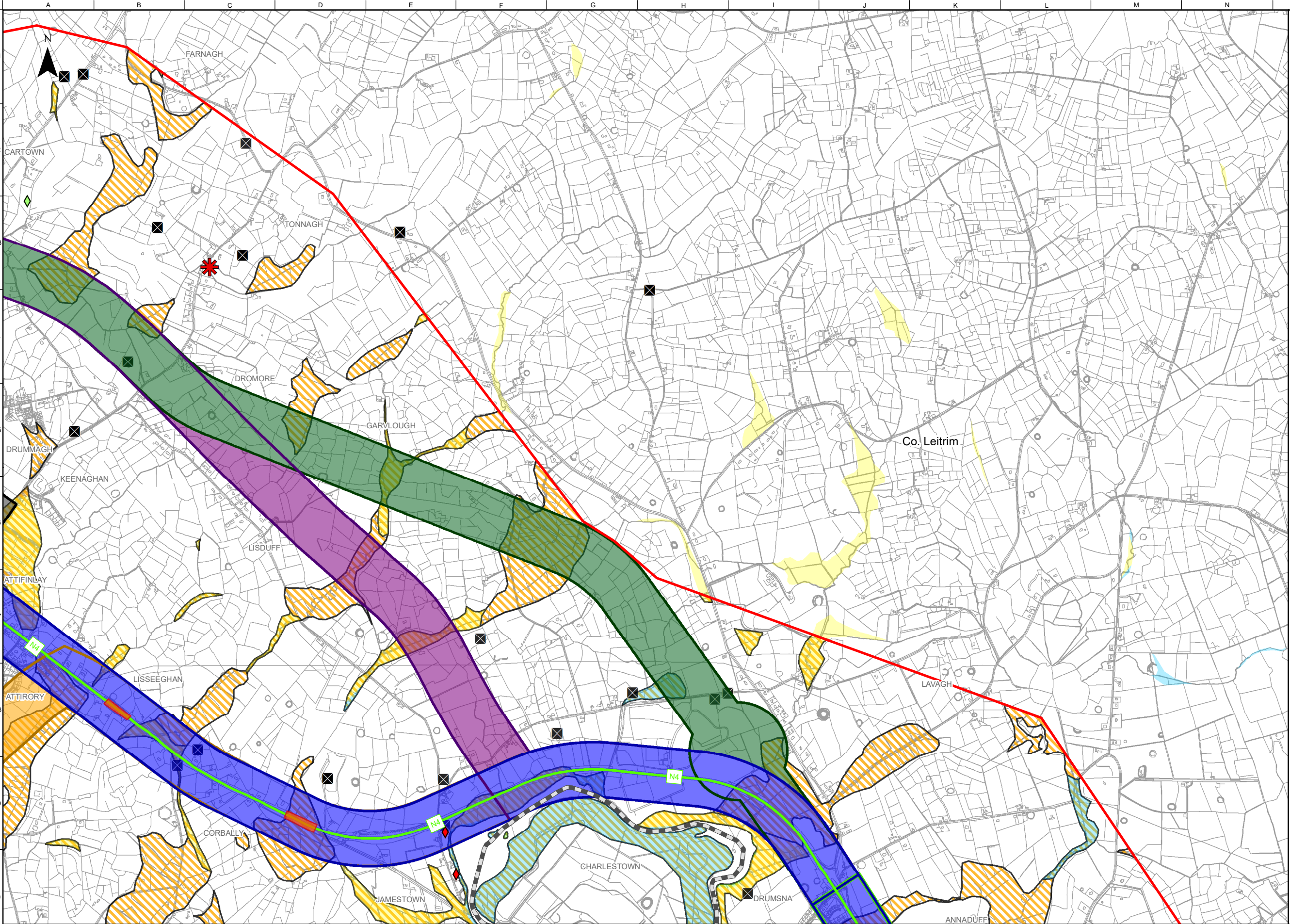
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P01	22/10/2021	AG	MMcE	RT
Issue	Date	By	Chkd	Appd

Drawing Title
Stage 1 Option Corridors
Soils and Geology Constraints
Geological Pressures
Sheet 2 of 6

Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.12.4.1	P04

Drawing No
274219-ARUP-02-OS-DR-YEGEO-001026



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

Known Engineering Issues

Soft Soil Deposits

Historic Heavy Industrial Sites

Historic Pit & Quarry Location

Granular Aggregate Final Scores

Very High potential

High potential

Moderate potential

Very Low potential

Low potential

Mineral Locations

Metallic

Non-metallic

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
Geological Pressures
Sheet 3 of 6

Suitability

Issued for Information (Status S3)

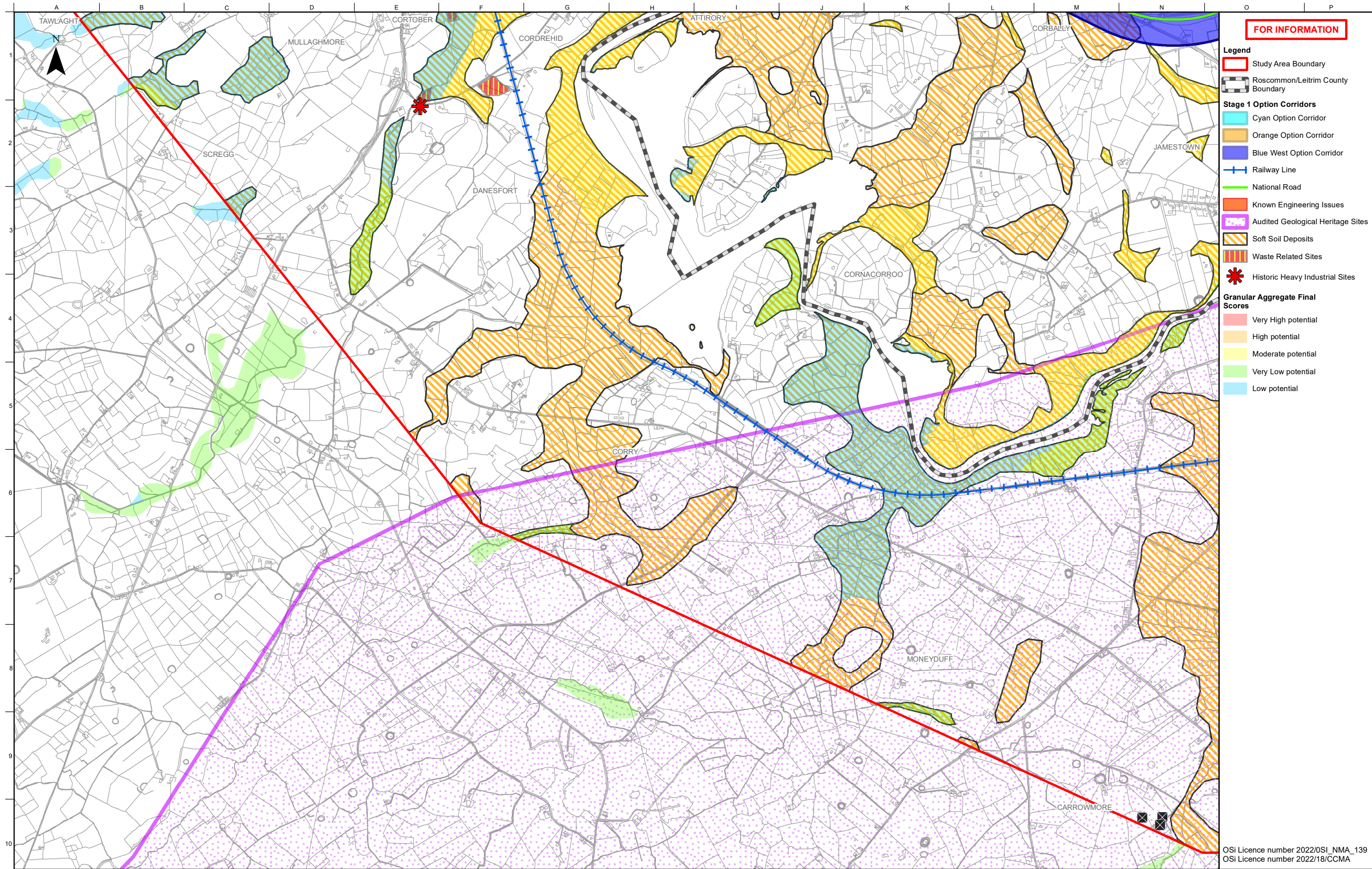
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274219	Figure 7.5.12.4.2	P04

Drawing No

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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
 - Known Engineering Issues
 - Audited Geological Heritage Sites
 - Soft Soil Deposits
 - Waste Related Sites
 - Historic Heavy Industrial Sites
 - Granular Aggregate Final Scores**
 - Very High potential
 - High potential
 - Moderate potential
 - Very Low potential
 - Low potential

Notes

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Leitrim County Council

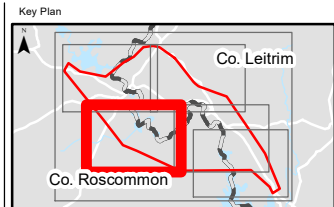
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Job Title
N4 Carrick-on-Shannon to Dromod Project


Carrick-on-Shannon to Dromod

Scale: 1 : 20000 @A3

Role: Soils and Geology

Date: October 2021

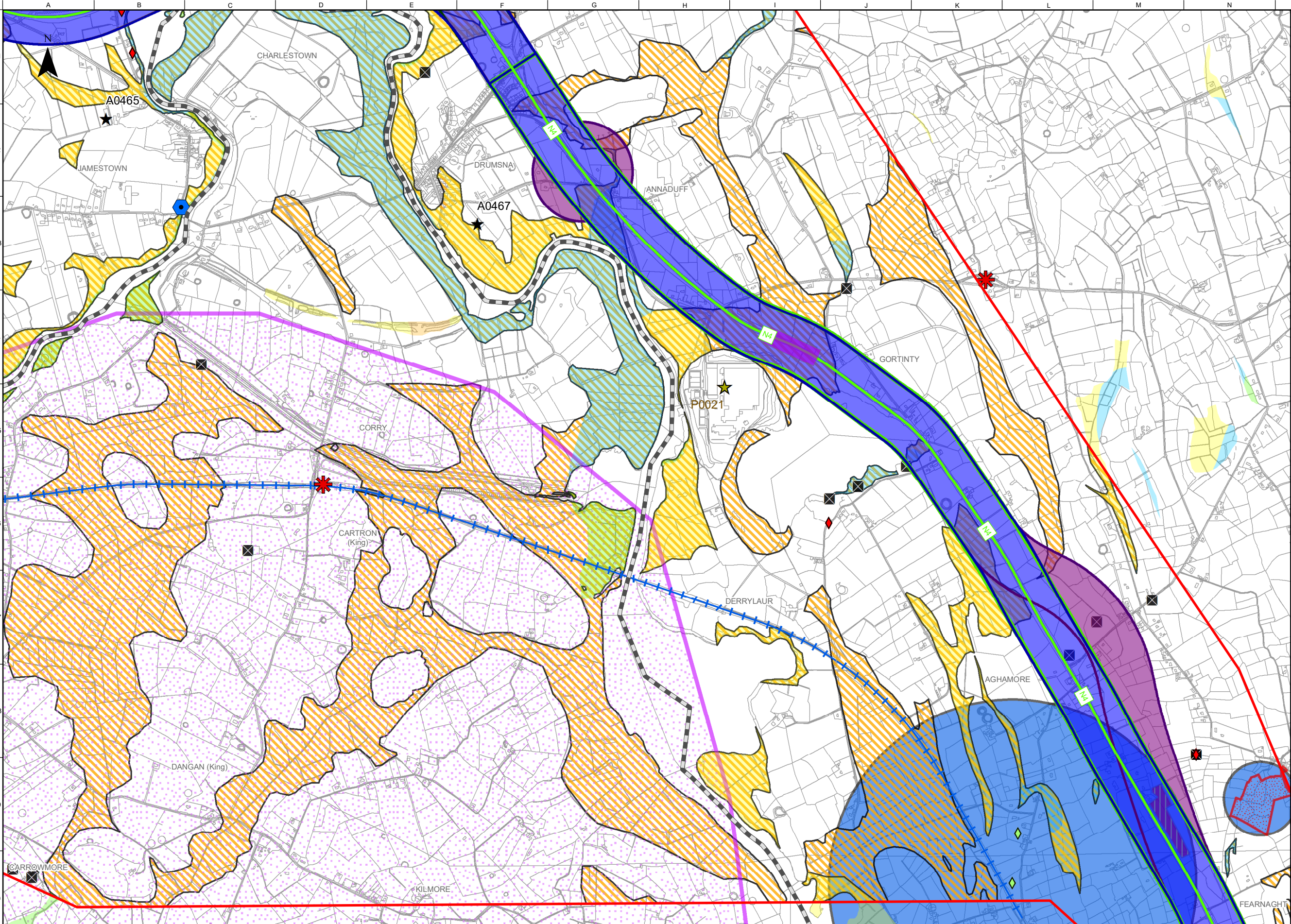
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Issue	Date	By	Chkd	Appd

Drawing Title
Stage 1 Option Corridors
Soils and Geology Constraints
Geological Pressures
Sheet 4 of 6

Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.12.4.3	P04

Drawing No
274219-ARUP-02-OS-DR-YEGEO-001028



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

Urban Waste Water Treatment (UWWT) Plant Location

Integrated Pollution Control (IPC) Site

Audited Geological Heritage Sites

Unaudited Geological Heritage Sites

Soft Soil Deposits

Waste Related Sites

Registered Quarries

Historic Heavy Industrial Sites

Historic Pit & Quarry Location

Granular Aggregate Final Scores

Very High potential

High potential

Moderate potential

Very Low potential

Low potential

Mineral Locations

Metallic

Non-metallic

Notes

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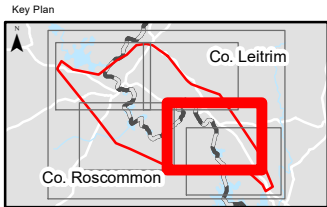
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Job Title
N4 Carrick-on-Shannon to Dromod Project

Carrick-on-Shannon to Dromod

Scale 1 : 20000 @A3

Role Soils and Geology

Date October 2021

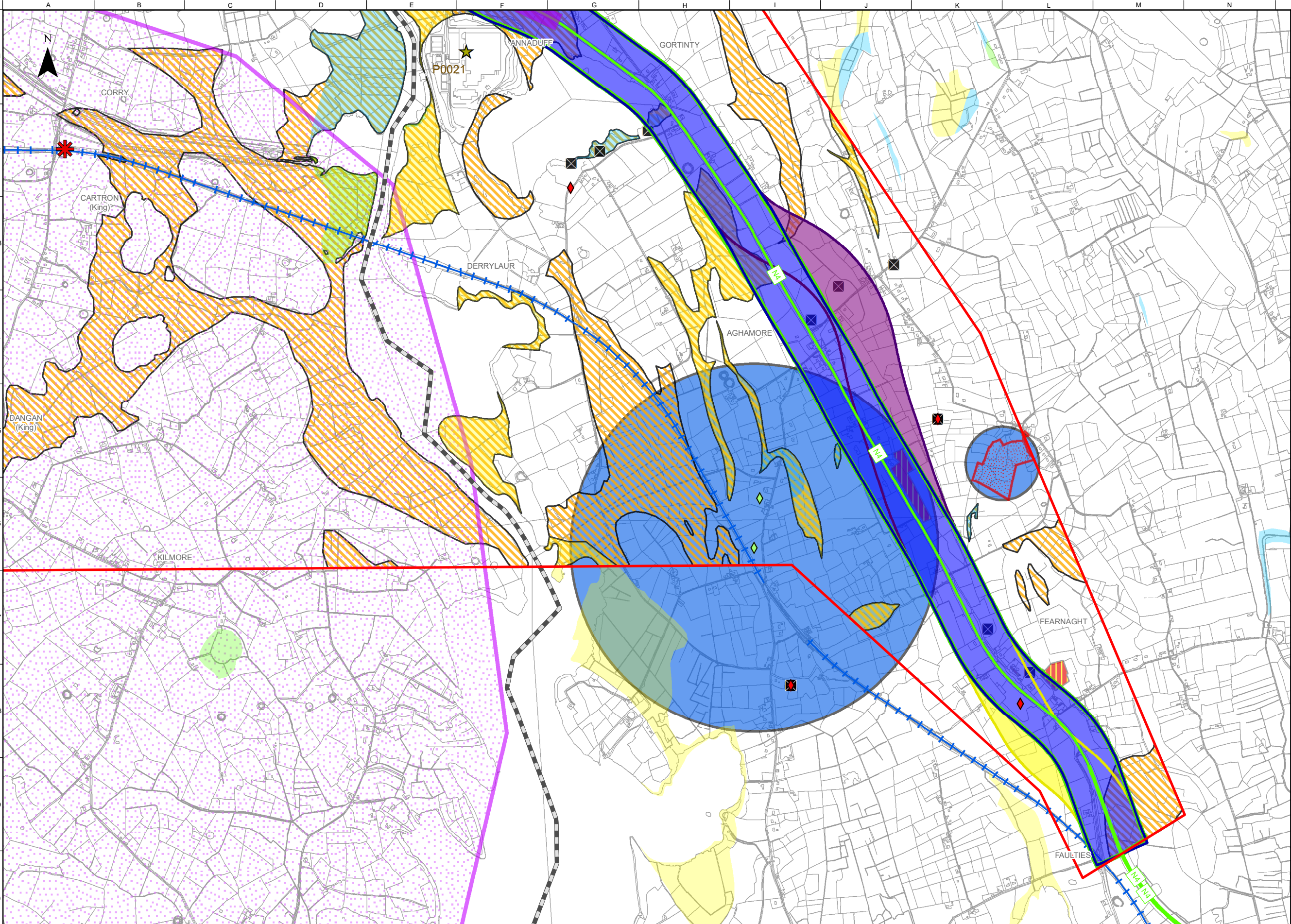
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P03	01/03/2022	AG	MMcE	RT
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Issue	Date	By	Chkd	Appd

Drawing Title
Stage 1 Option Corridors
Soils and Geology Constraints
Geological Pressures
Sheet 5 of 6

Issued for Information (Status S3)

Job No	Figure ID	Rev.
274219	Figure 7.5.12.4.4	P04

Drawing No
274219-ARUP-02-OS-DR-YEGEO-001029



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

Piled Embankments

Integrated Pollution Control (IPC) Site

Audited Geological Heritage Sites

Unaudited Geological Heritage Sites

Soft Soil Deposits

Waste Related Sites

Registered Quarries

Historic Heavy Industrial Sites

Historic Pit & Quarry Location

Granular Aggregate Final Scores

Very High potential

High potential

Moderate potential

Very Low potential

Low potential

Mineral Locations

Metallic

Non-metallic

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
Geological Pressures
Sheet 6 of 6

Issued for Information (Status S3)

Job No

274219

Figure ID

Figure 7.5.12.4.5

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P04

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274219-ARUP-02-OS-DR-YEGEO-001030

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