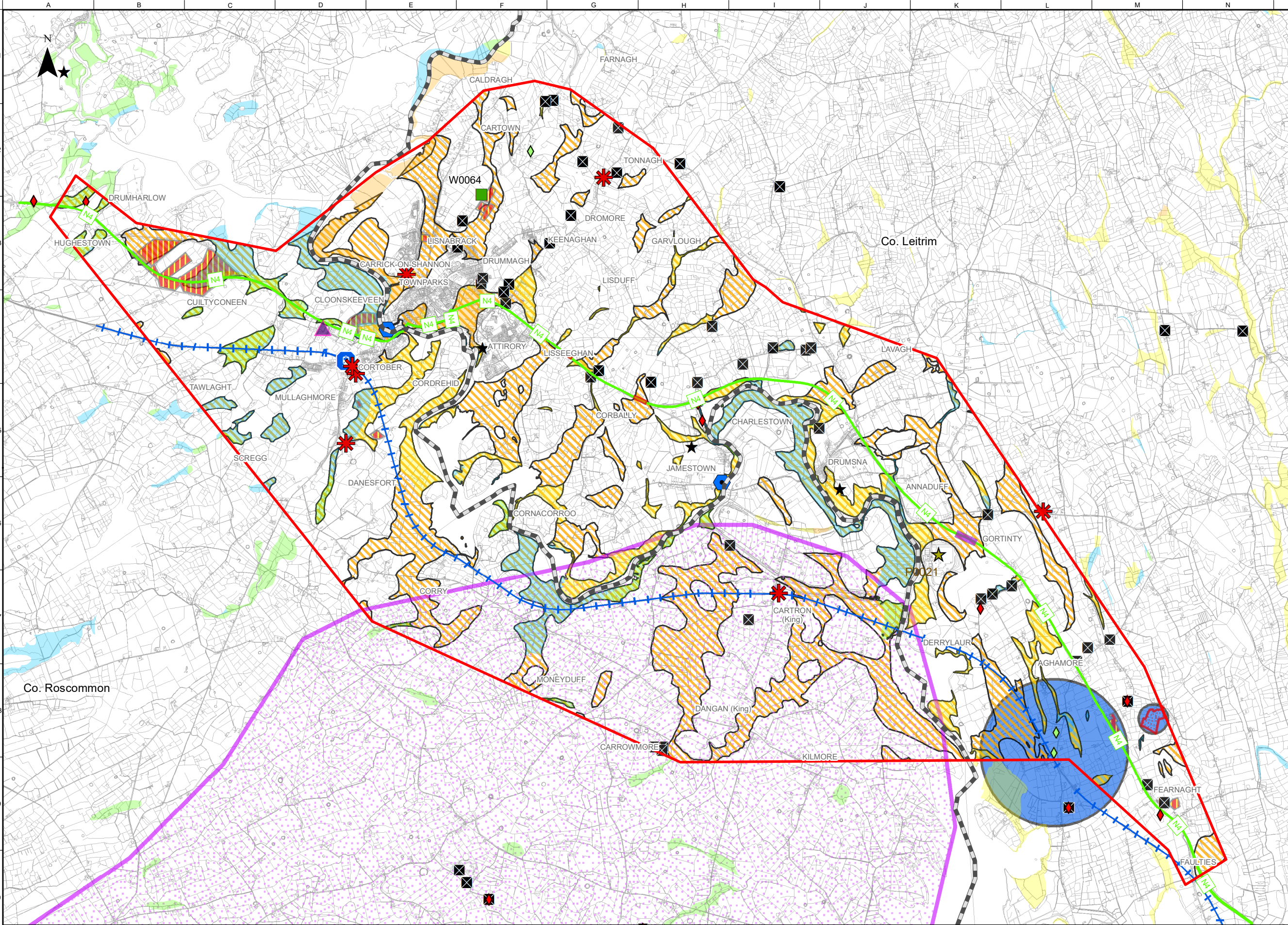




FOR INFORMATION

Legend

- Study Area Boundary
- Roscommon/Leitrim County Boundary
- 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

Notes

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Note Séanta:
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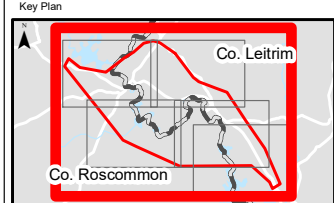
Comhairle Chontae Liatroma
Leitrim County Council

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Department of Transport

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Transport Infrastructure Ireland

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Roscommon County Council



Consultant

ARUP

Job Title
N4 Carrick-on-Shannon to Drogheda Project

Scale
1 : 50000 @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

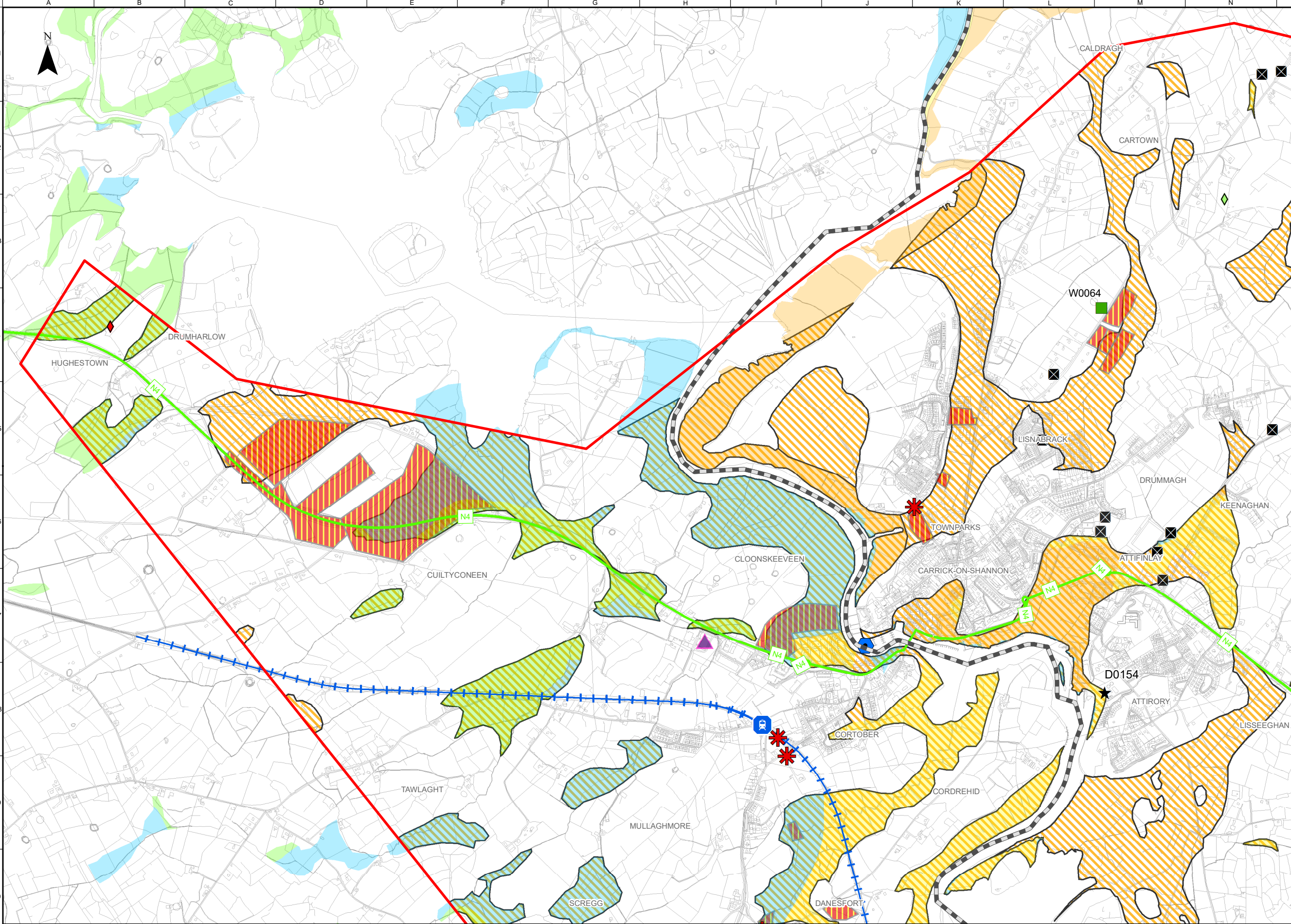
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OSI Licence number 2022/18/CCMA

Drawing Title
Soils and Geology Constraints
Geology Pressures
Sheet 1 of 6

For Information

Job No	Figure ID	Rev.
274219	Figure 4.15.4.0	P07

Drawing No
274219-ARUP-02-OS-DR-YEGEO-000025



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

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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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
Geology Pressures
Sheet 2 of 6

Suitability

For Information

Job No

274219

Figure ID

Figure 4.15.4.1

Rev

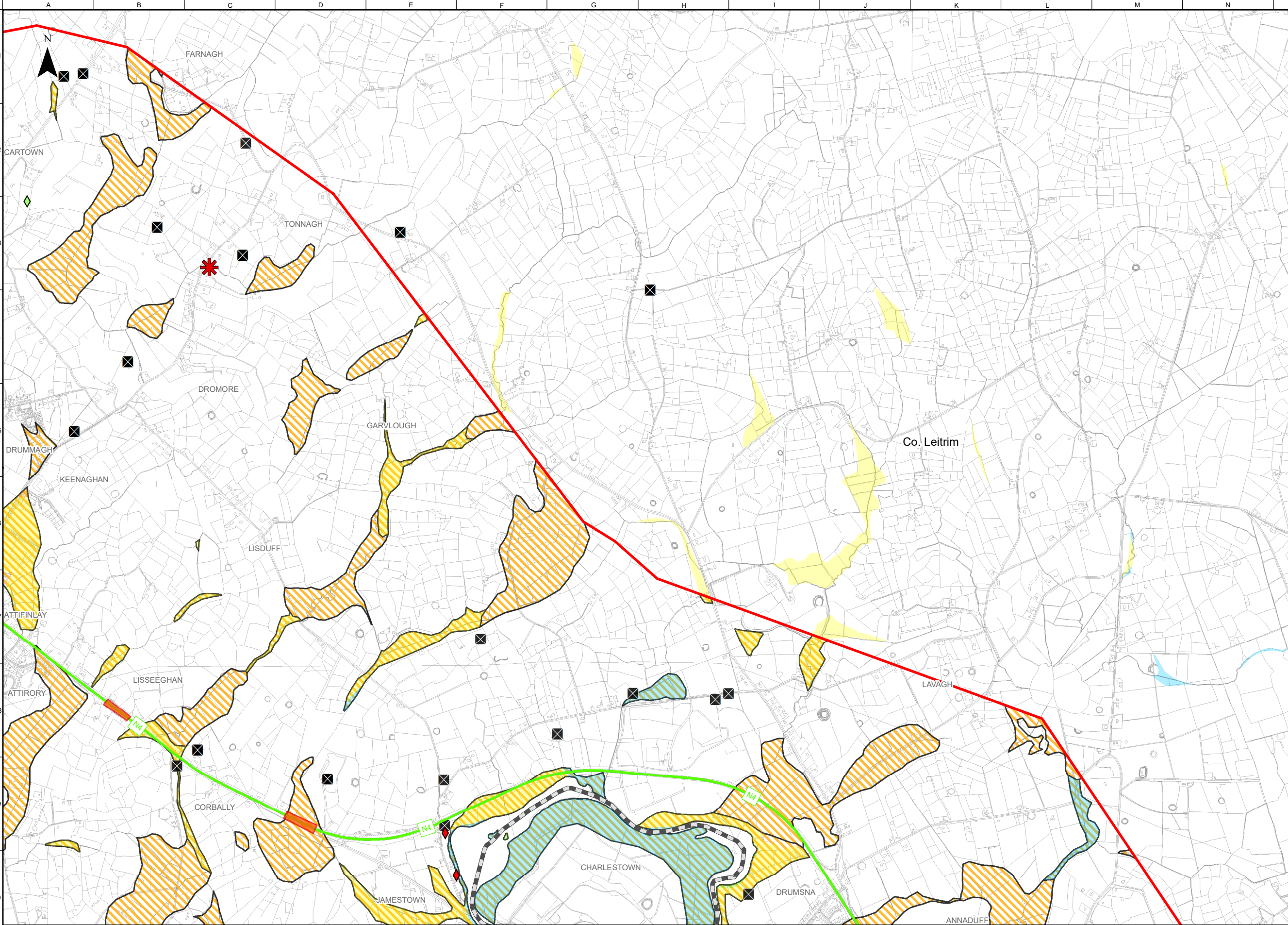
P07

Drawing No

274219-ARUP-02-OS-DR-YEGEO-000026

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FOR INFORMATION

- Legend**
- Study Area Boundary
 - Roscommon/Leitrim County Boundary
 - National Road
 - EPA Section 4 Discharge Sites
 - 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

Notes

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Clients

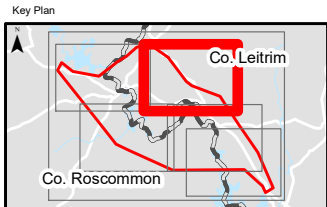
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Leitrim County Council

Tionscadal Éireann
Project Ireland
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An Roinn Iompair
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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 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

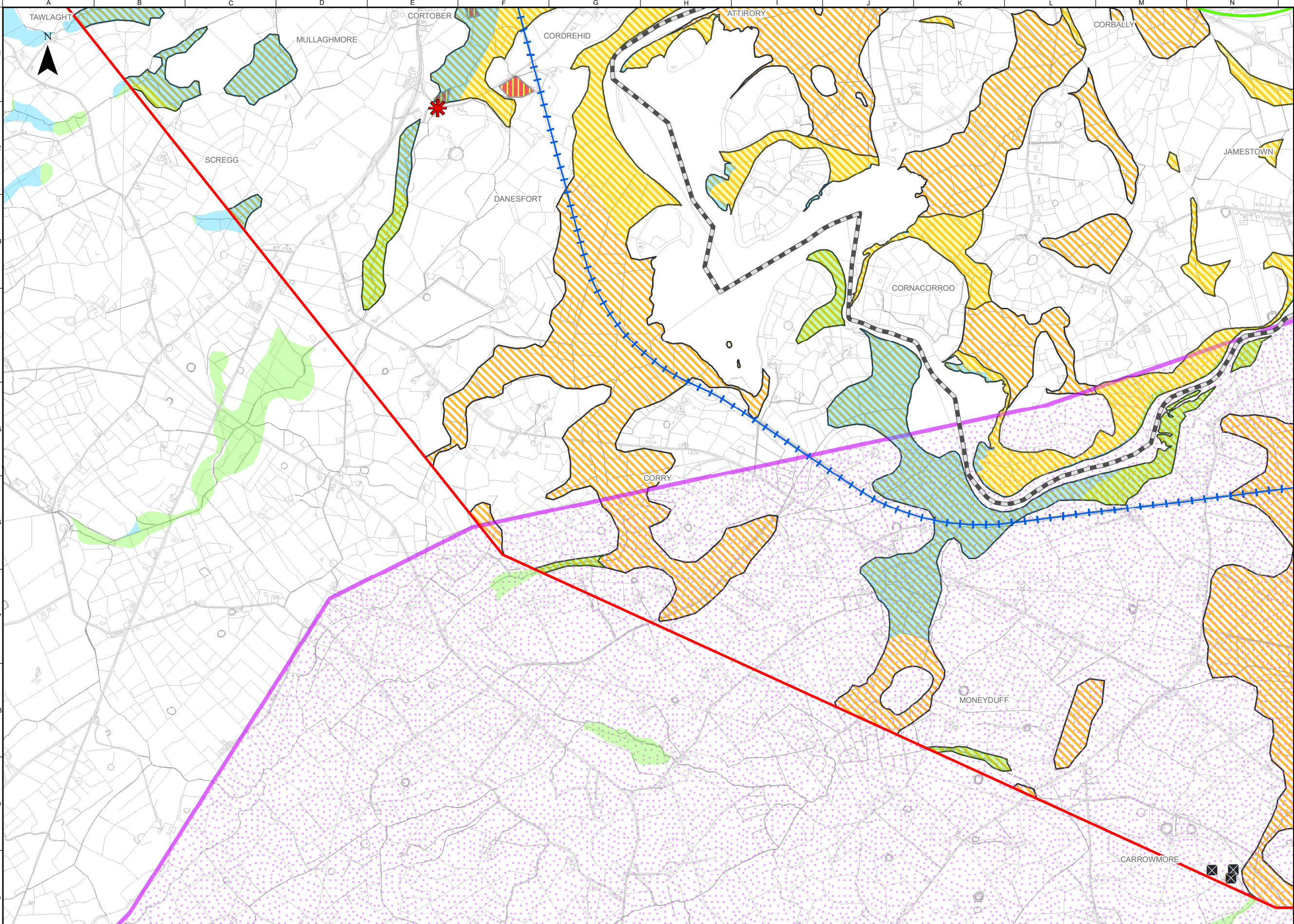
Drawing Title
Soils and Geology Constraints
Geology Pressures
Sheet 3 of 6

Suitability

For Information

Job No	Figure ID	Rev.
274219	Figure 4.15.4.2	P07

Drawing No
274219-ARUP-02-OS-DR-YEGEO-000027



FOR INFORMATION

Legend

Study Area Boundary

Roscommon/Leitrim County Boundary

Railway Line

National Road

EPA Section 4 Discharge Sites

Known Engineering Issues

Audited Geological Heritage Sites

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

Notes

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Clients



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Leitrim County Council



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Roscommon County Council



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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
Geology Pressures
Sheet 4 of 6

Suitability

For Information

Job No

274219

Figure ID

Figure 4.15.4.3

Rev.

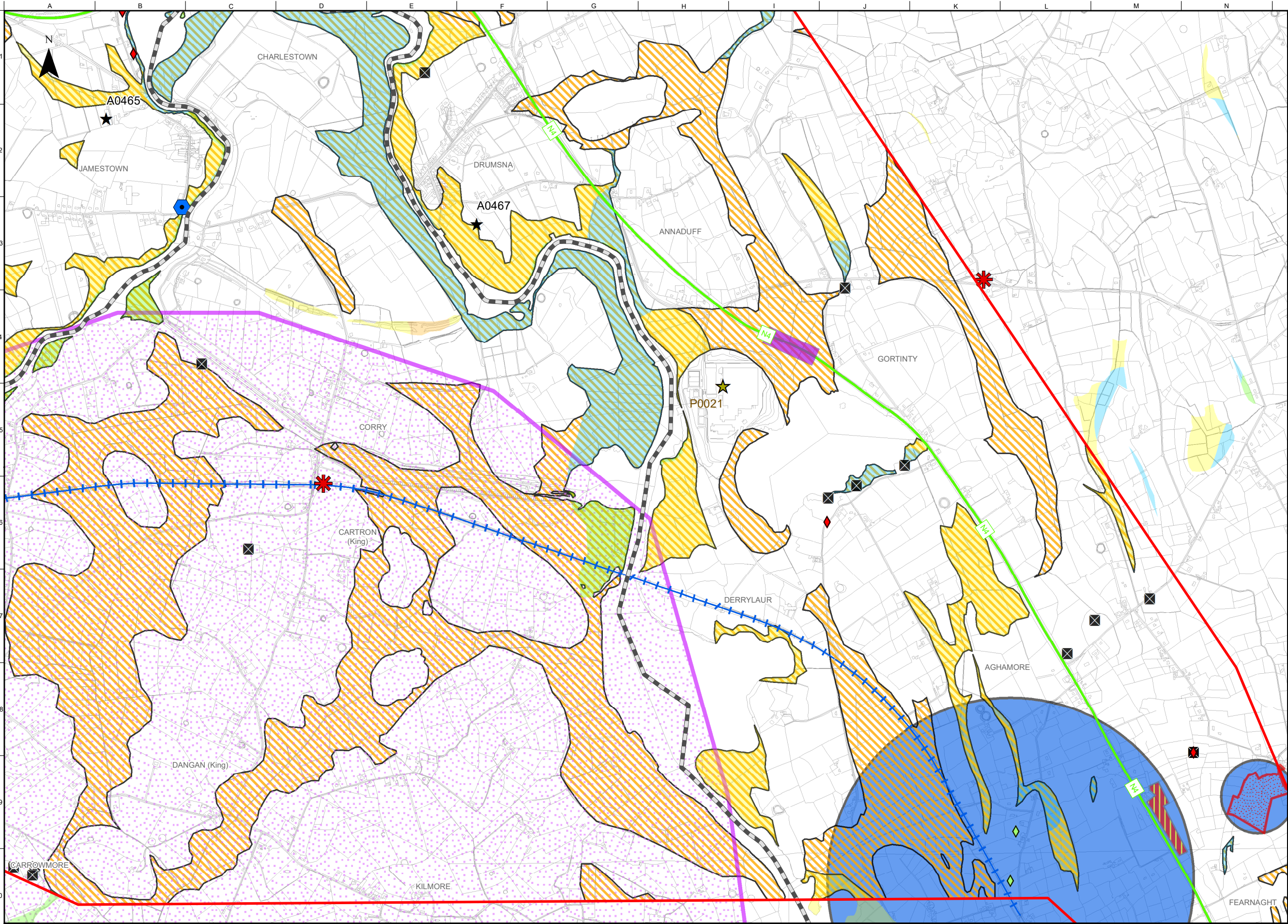
P07

Drawing No

274219-ARUP-02-OS-DR-YEGEO-000028

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FOR INFORMATION

- Legend**
- Study Area Boundary
 - Roscommon/Leitrim County Boundary
 - Railway Line
 - National Road
 - EPA Section 4 Discharge Sites
 - Urban Waste Water Treatment (UWWT) Plant Location
 - 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

Notes

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Clients

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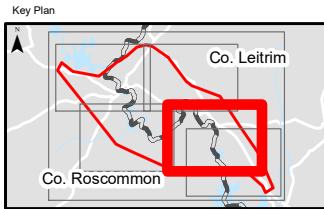
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Roscommon County Council

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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
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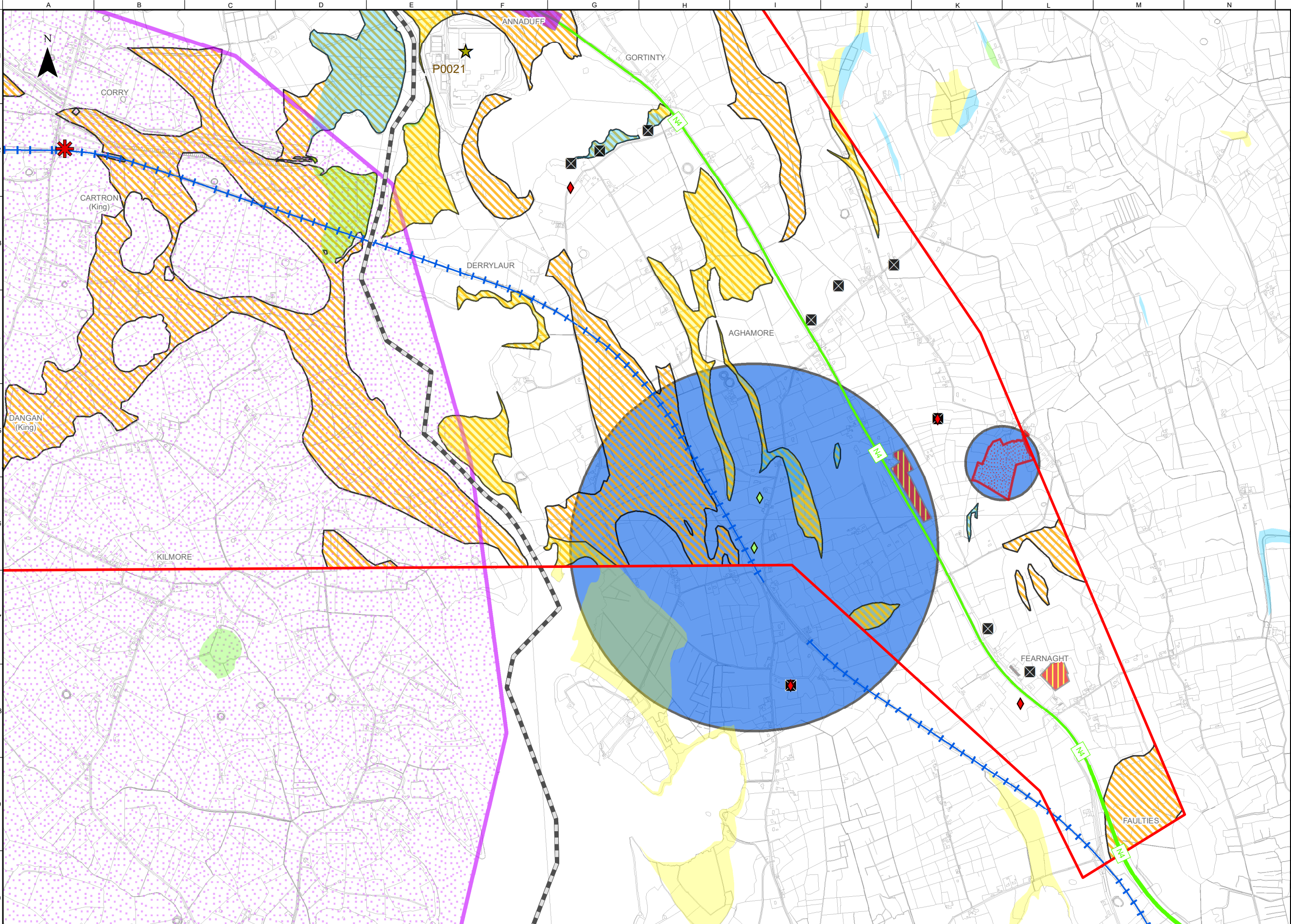
Drawing Title
Soils and Geology Constraints
Geology Pressures
Sheet 5 of 6

Suitability

For Information

Job No 274219 Figure ID Figure 4.15.4.4 Rev. P07

Drawing No 274219-ARUP-02-OS-DR-YEGEO-000029



FOR INFORMATION

- Legend**
- Study Area Boundary
 - Roscommon/Leitrim County Boundary
 - Railway Line
 - National Road
 - EPA Section 4 Discharge Sites
 - 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

Notes

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Clients

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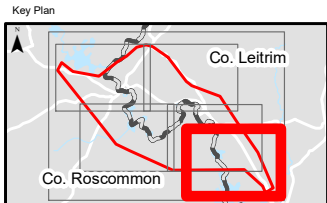
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Roscommon County Council

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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
Geology Pressures
Sheet 6 of 6

Suitability

For Information

Job No 274219	Figure ID Figure 4.15.4.5	Rev P07
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Drawing No
274219-ARUP-02-OS-DR-YEGEO-000030