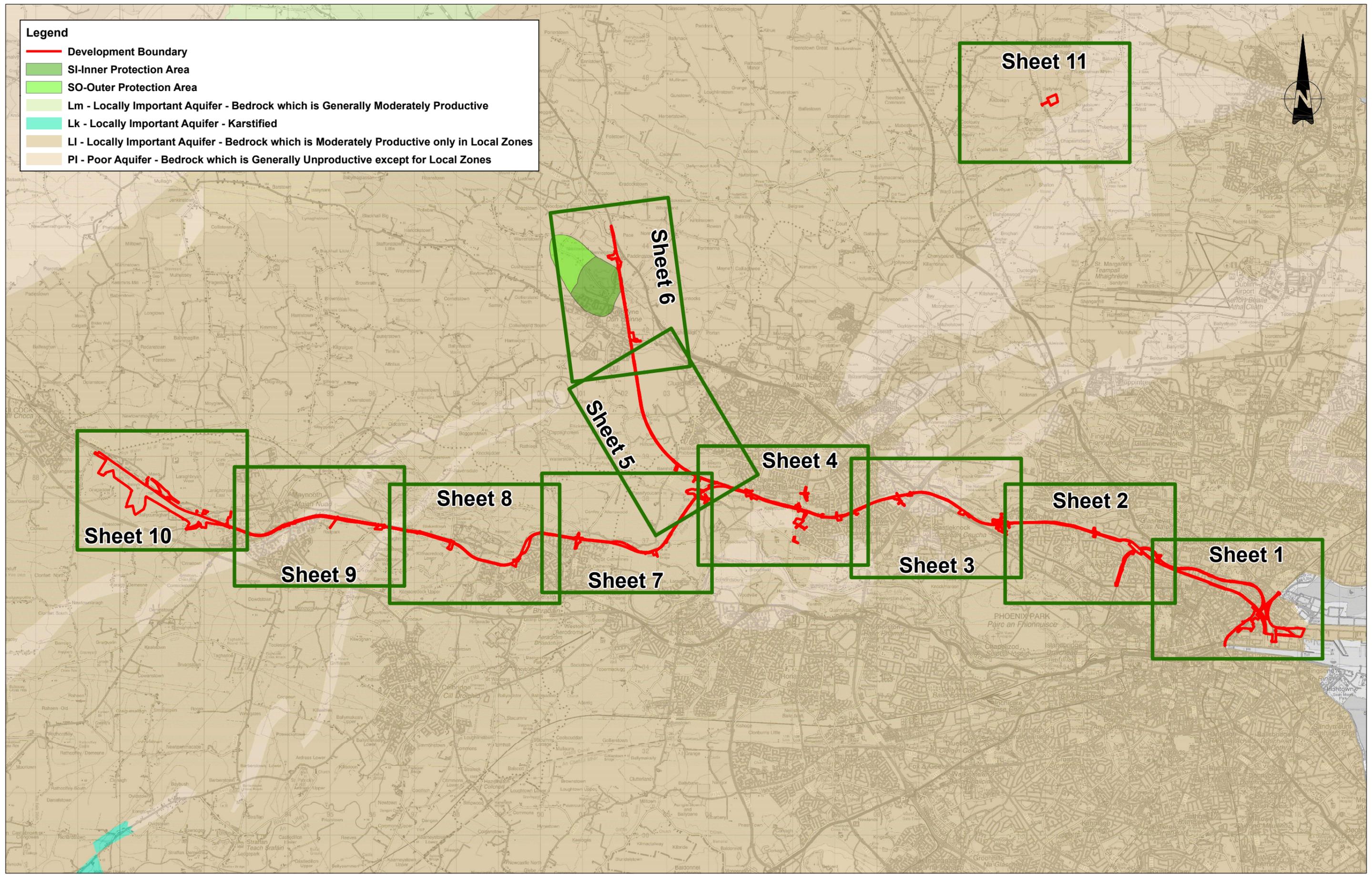


Legend

- Development Boundary
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Lk - Locally Important Aquifer - Karstified
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones



V 01	April 2022	PLANNING ISSUE	LA	PK	FOK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Client

Tionscald Eireann
Project Ireland
2040

NTA
Údará Náisiúnta
Naíonála Transporta
Autoritáid

lanróid Éireann
Irish Rail

Consultant

IDOM

G3

PROD

ROUGHAN & O'DONOVAN

Project

DART+
West

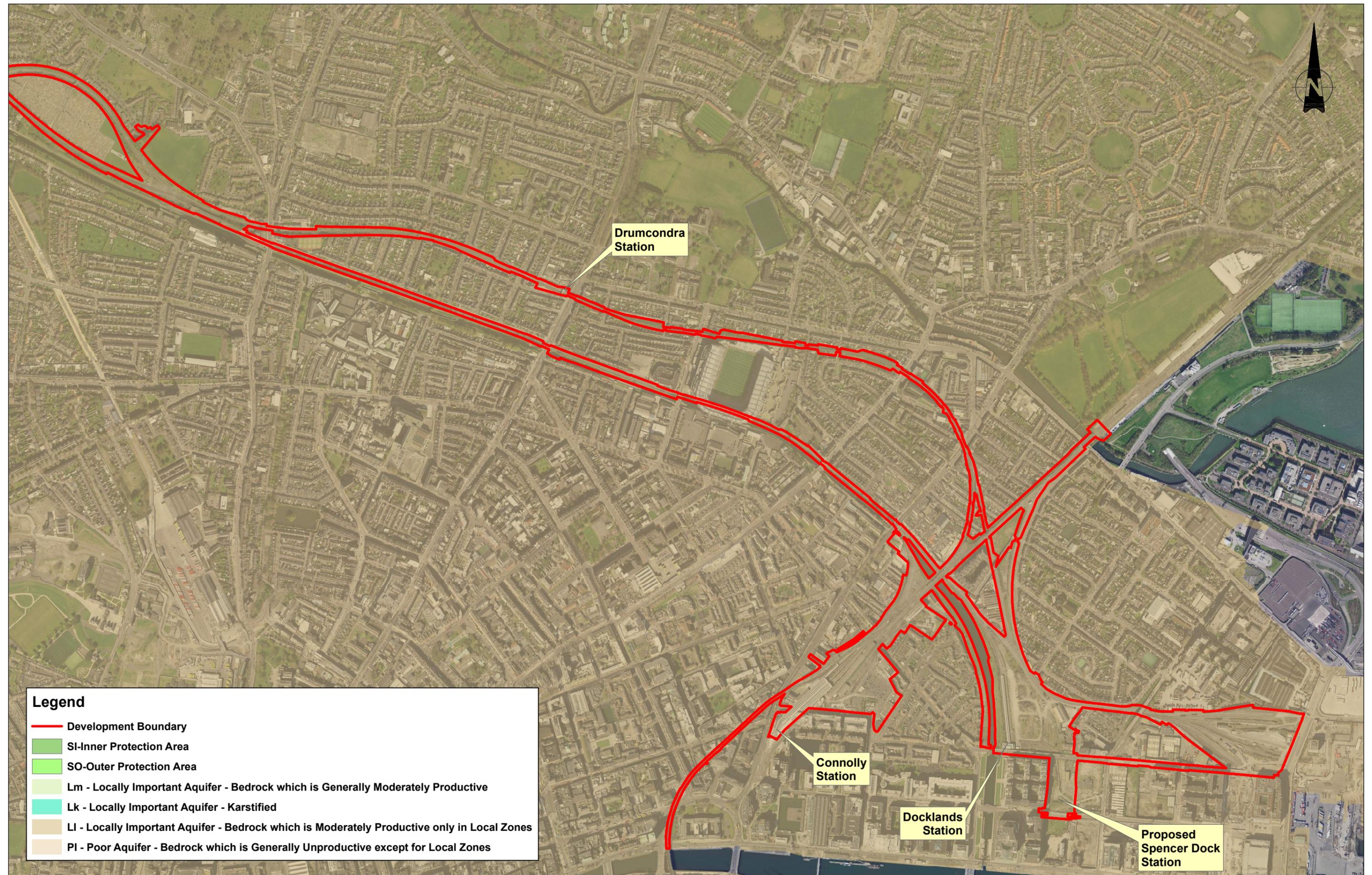
Drawing Title

BEDROCK AQUIFER & PUBLIC SUPPLY
SOURCE PROTECTION AREA
OVERVIEW

Scale:
1:40,000 @ A1; 1:80,000 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY | MDC | GEO | ROUT | DR | G | 92000 | D

Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 1 of 1



Legend

- Development Boundary
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Lk - Locally Important Aquifer - Karstified
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

V 01	April 2022	PLANNING ISSUE	LA	PK	FO'K
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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLIG).

Client

Consultant

Project

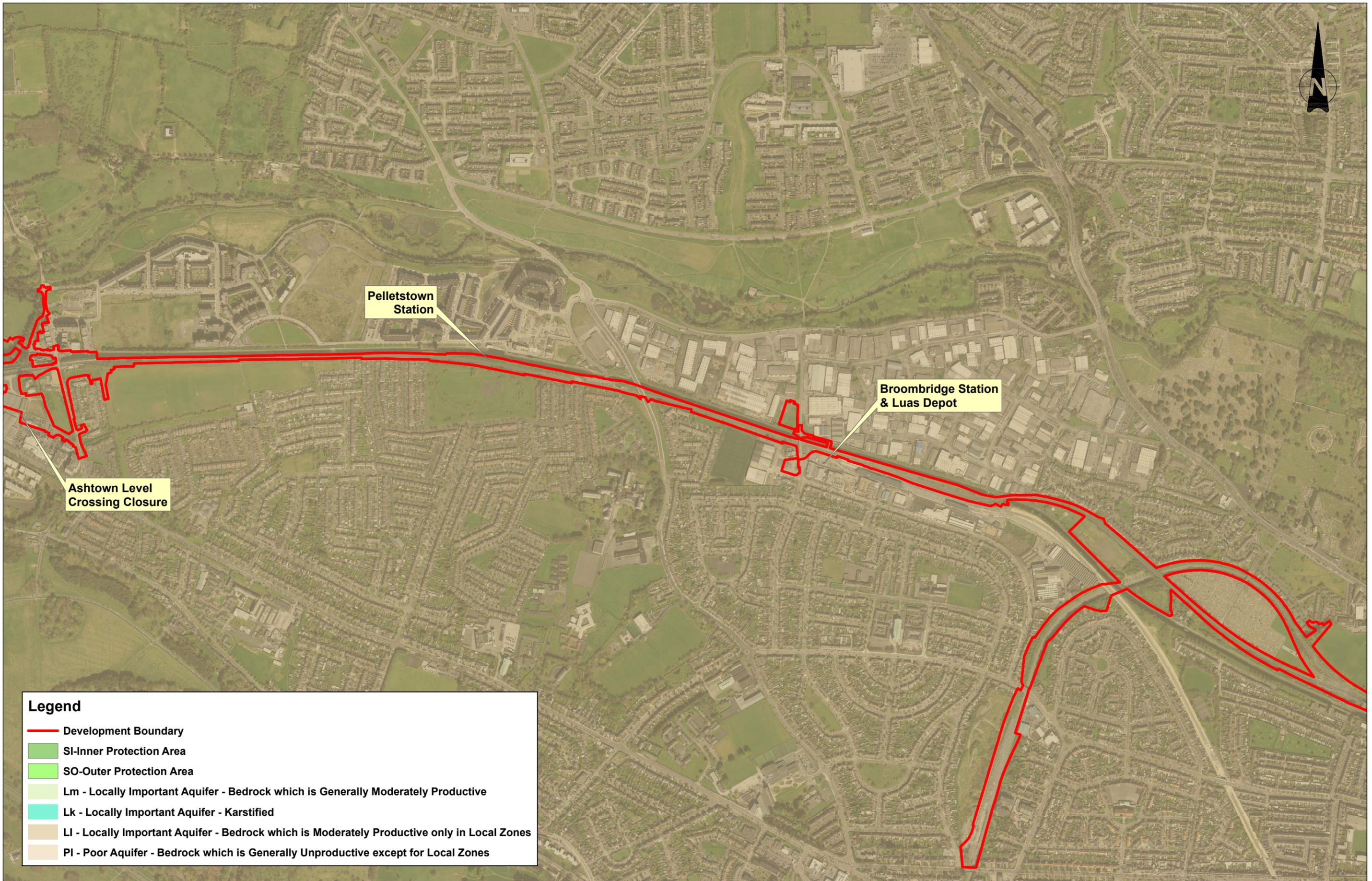
Drawing Title

**BEDROCK AQUIFER & PUBLIC SUPPLY
SOURCE PROTECTION AREA
SHEET 1**

Scale: 1:5,000 @ A1; 1:10,000 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	GEO	ROUT	DR	G	92001	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1 - Approved & Accepted	V 01	1 of 11



Legend

- Development Boundary
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Lk - Locally Important Aquifer - Karstified
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

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V 01	April 2022	PLANNING ISSUE			
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Client
 Consultant

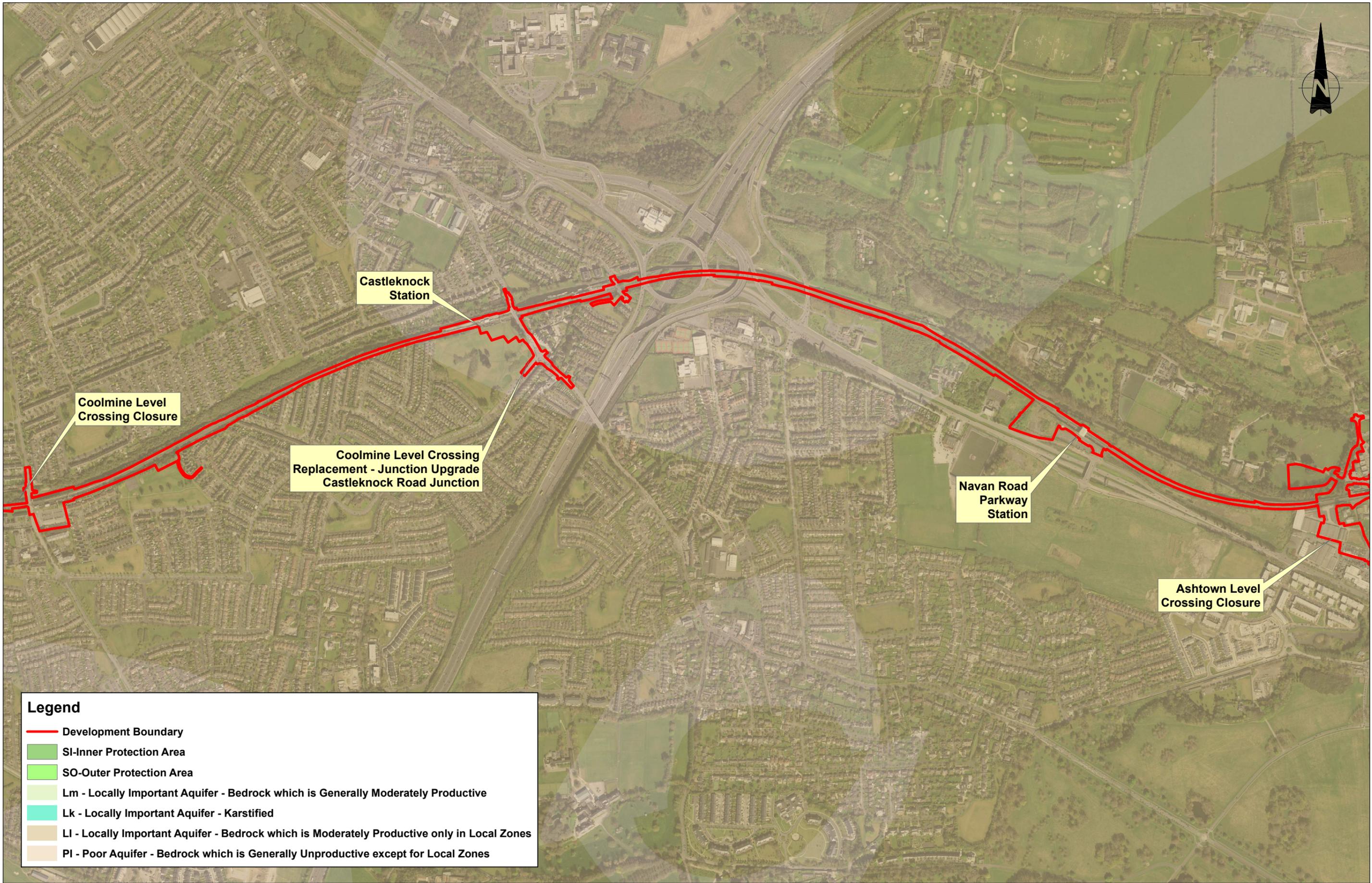
Project

Drawing Title

Scale:
 1:5,000 @ A1; 1:10,000 @ A3

BEDROCK AQUIFER & PUBLIC SUPPLY SOURCE PROTECTION AREA SHEET 2

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	GEO	ROUT	DR	G	92002	D
Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet: 2 of 11



Legend	
	Development Boundary
	SI-Inner Protection Area
	SO-Outer Protection Area
	Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
	Lk - Locally Important Aquifer - Karstified
	LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
	PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

Client	Tionscald Eireann Project Ireland 2040
Consultant	IDOM
Project	DART+ West
Drawing Title	BEDROCK AQUIFER & PUBLIC SUPPLY SOURCE PROTECTION AREA SHEET 3
Scale:	1:5,000 @ A1; 1:10,000 @ A3
Drawing Number	Project Originator Discipline Location Type Role Number Phase MAY MDC GEO ROUT DR G 92003 D
Date:	April 2022
Job No:	P/101086
Status:	F1 - Approved & Accepted
Rev:	V 01
Sheet:	3 of 11

Client

Consultant

Drawing Title

Scale:

Drawing Number

Date:

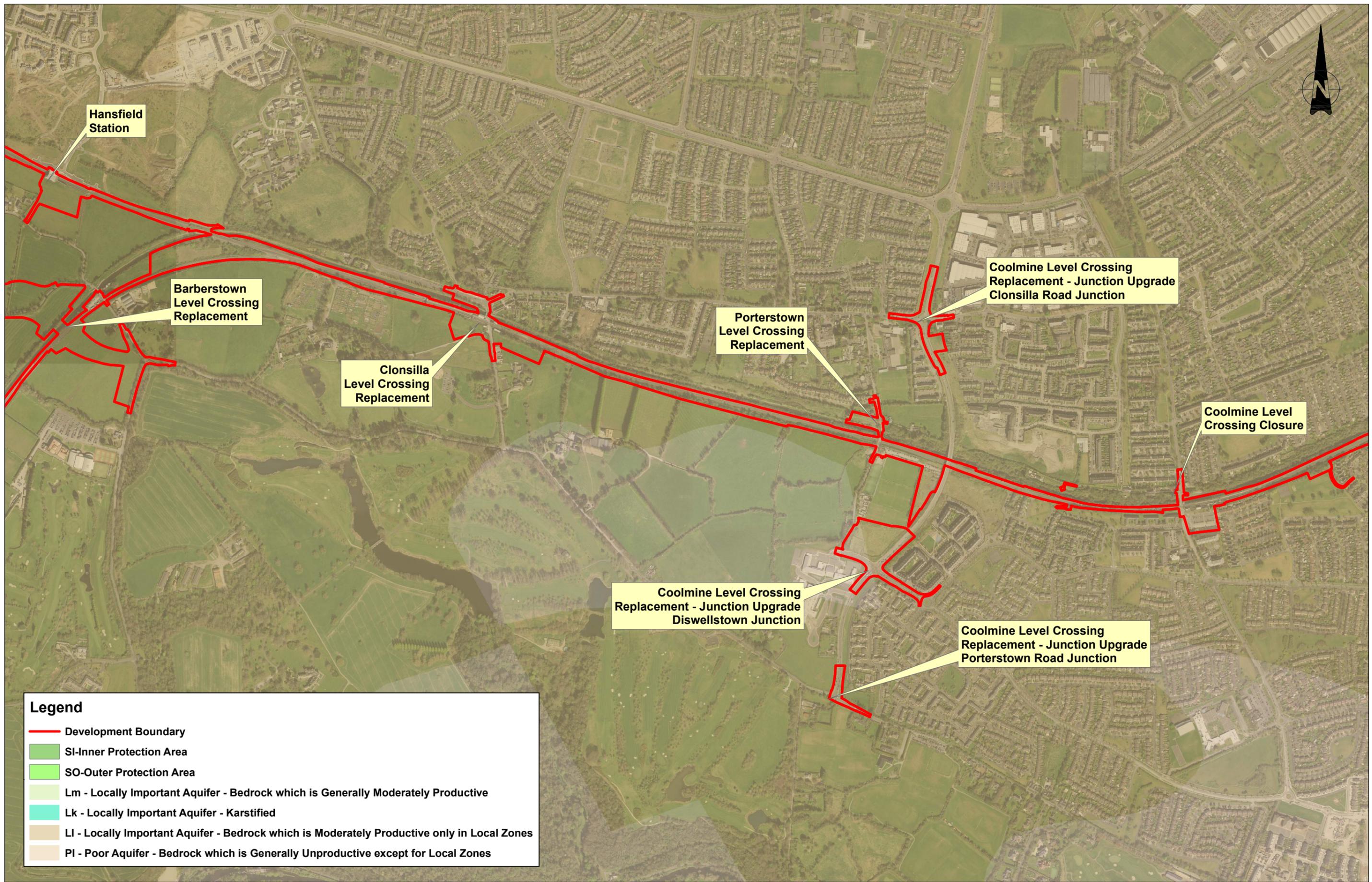
Job No:

Status:

Rev:

Sheet:

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Legend

- Development Boundary
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Lk - Locally Important Aquifer - Karstified
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

Drawing Title

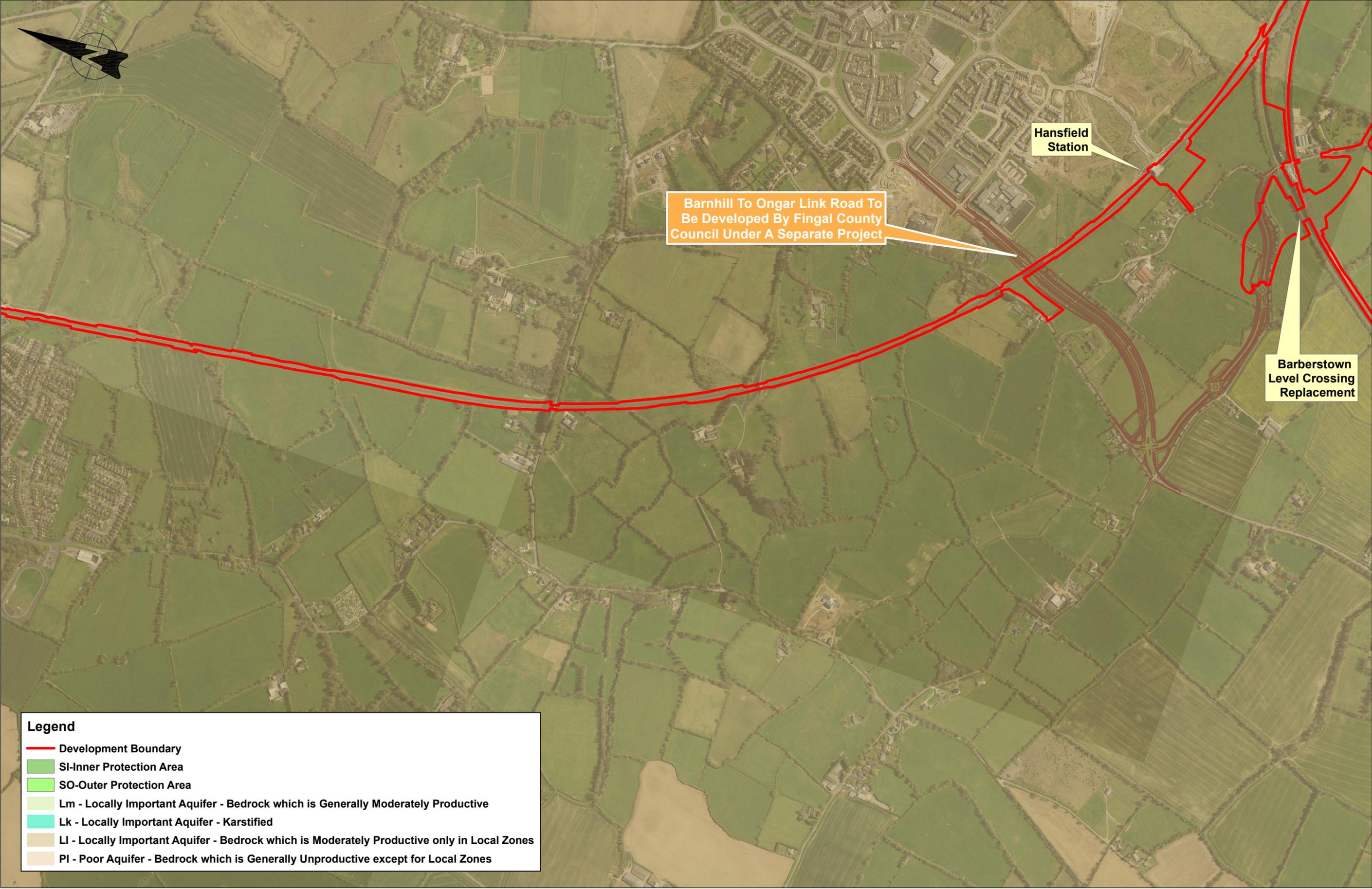
BEDROCK AQUIFER & PUBLIC SUPPLY SOURCE PROTECTION AREA SHEET 4

Scale: 1:5,000 @ A1; 1:10,000 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY | MDC | GEO | ROUT | DR | G | 92004 | D

Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 4 of 11



Legend

- Development Boundary
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Lk - Locally Important Aquifer - Karstified
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

REV.	DATE	DESCRIPTION	LA	PK	FO'K
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Client

Consultant

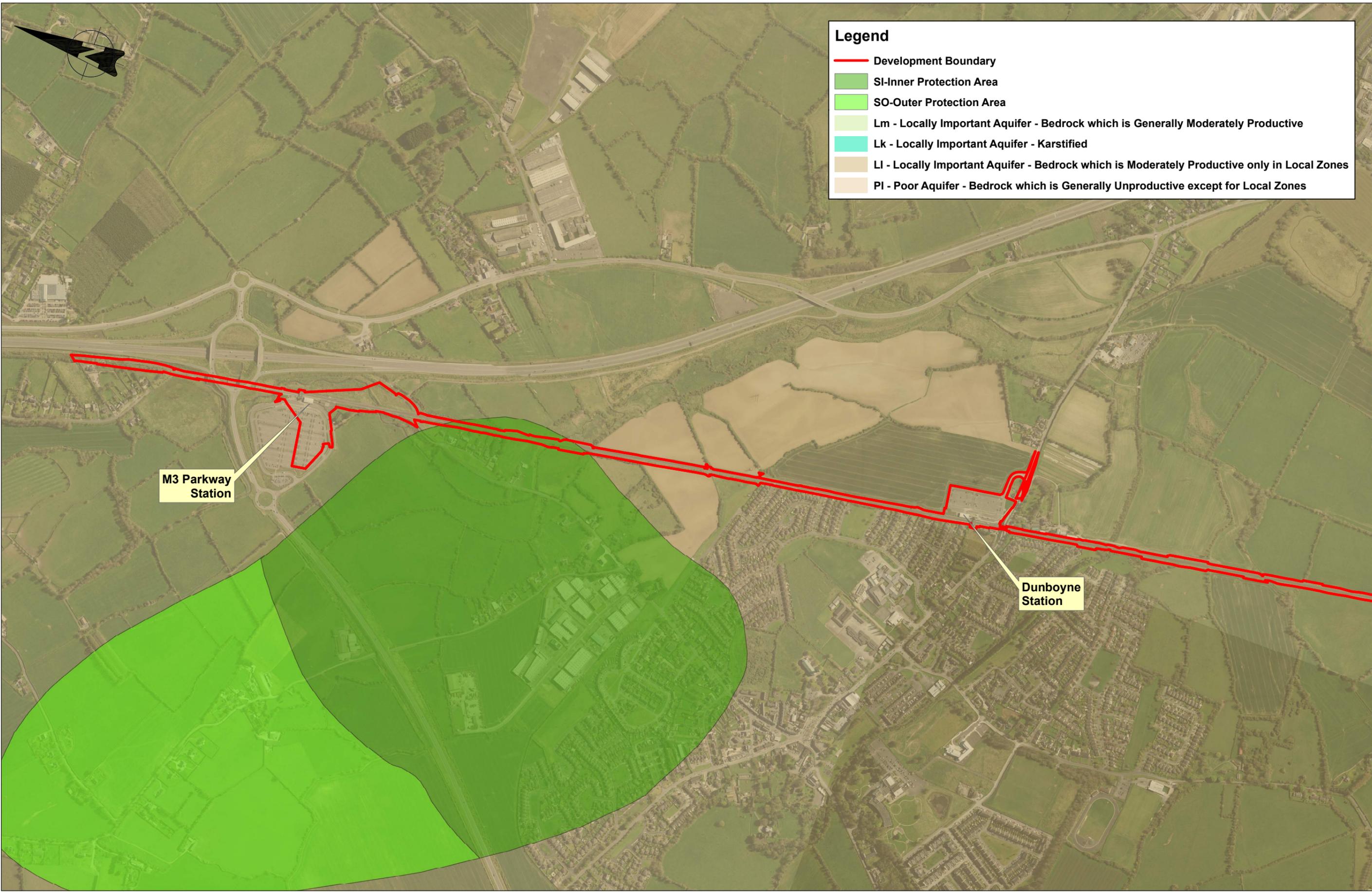
Project

Drawing Title

BEDROCK AQUIFER & PUBLIC SUPPLY SOURCE PROTECTION AREA SHEET 5

Scale: 1:5,000 @ A1; 1:10,000 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	GEO	ROUT	DR	G	92005	D	
Date: April 2022	Job No: P/101086	Status: F1 - Approved & Accepted	Rev: V 01	Sheet: 5 of 11				



Legend

- Development Boundary
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Lk - Locally Important Aquifer - Karstified
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

M3 Parkway Station

Dunboyne Station

REV.	DATE	DESCRIPTION	LA	PK	FO'K
V 01	April 2022	PLANNING ISSUE			
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Client
 Consultant

Project

Drawing Title
BEDROCK AQUIFER & PUBLIC SUPPLY SOURCE PROTECTION AREA SHEET 6

Scale:
 1:5,000 @ A1; 1:10,000 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY | MDC | GEO | ROUT | DR | G | 92006 | D

Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 6 of 11



Barnhill To Ongar Link Road To Be Developed By Fingal County Council Under A Separate Project

Hansfield Station

Barberstown Level Crossing Replacement

Leixlip Confey Station

Legend

- Development Boundary
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lk - Locally Important Aquifer - Karstified
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

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Client

Consultant

Project

Drawing Title

BEDROCK AQUIFER & PUBLIC SUPPLY SOURCE PROTECTION AREA SHEET 7

Scale: 1:5,000 @ A1; 1:10,000 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	GEO	ROUT	DR	G	92007	D	
Date: April 2022	Job No: P/101086	Status: F1 - Approved & Accepted	Rev: V 01	Sheet: 7 of 11				



Legend

- Development Boundary
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Lk - Locally Important Aquifer - Karstified
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

REV.	DATE	DESCRIPTION	LA	PK	FO'K
V 01	April 2022	PLANNING ISSUE			
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Client

Consultant











Project



Drawing Title

BEDROCK AQUIFER & PUBLIC SUPPLY SOURCE PROTECTION AREA SHEET 8

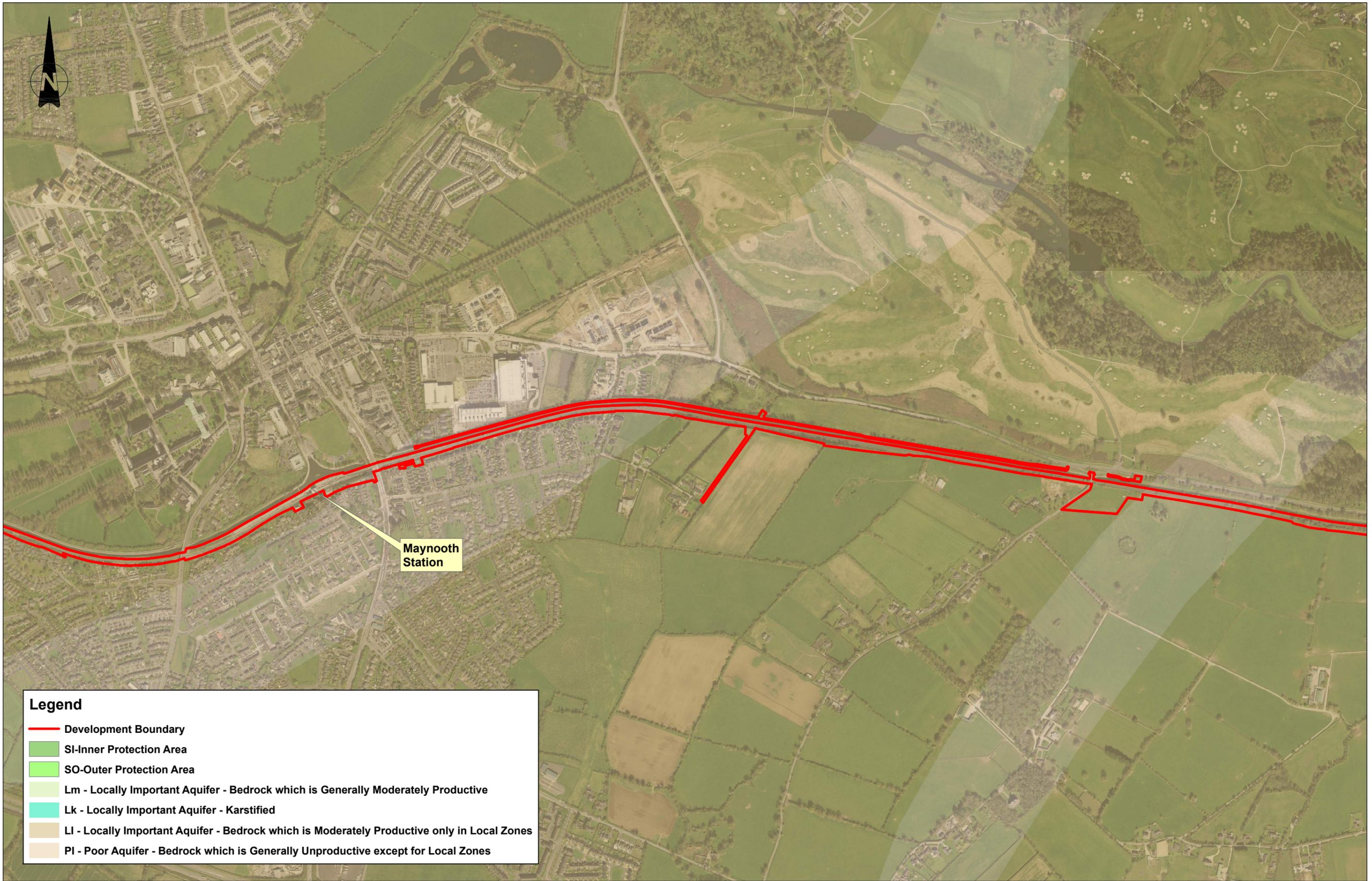
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Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	GEO	ROUT	DR	G	92008	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1 - Approved & Accepted	V 01	8 of 11



Legend

- Development Boundary
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
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- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

REV.	DATE	DESCRIPTION	LA	PK	FO'K
V 01	April 2022	PLANNING ISSUE			
PRODUCED BY			REVIEWED BY		
APPROVED BY					

Client

Tionscaldal Éireann
Project Ireland
2040

NTA
Údaráis Náisiúnta Iompair
National Transport Authority

Iarnród Éireann
Irish Rail

IDOM

ROD
ROUGHAN & O'DONOVAN

Project

DART+
West

Drawing Title

Scale:
1:5,000 @ A1; 1:10,000 @ A3

**BEDROCK AQUIFER & PUBLIC SUPPLY
SOURCE PROTECTION AREA
SHEET 9**

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	GEO	ROUT	DR	G	92009	D	
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 9 of 11				

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 All co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).



Depot
Location

Legend

- Development Boundary
- SI-Inner Protection Area
- SO-Outer Protection Area
- Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
- Lk - Locally Important Aquifer - Karstified
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

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Client



Project



Consultant

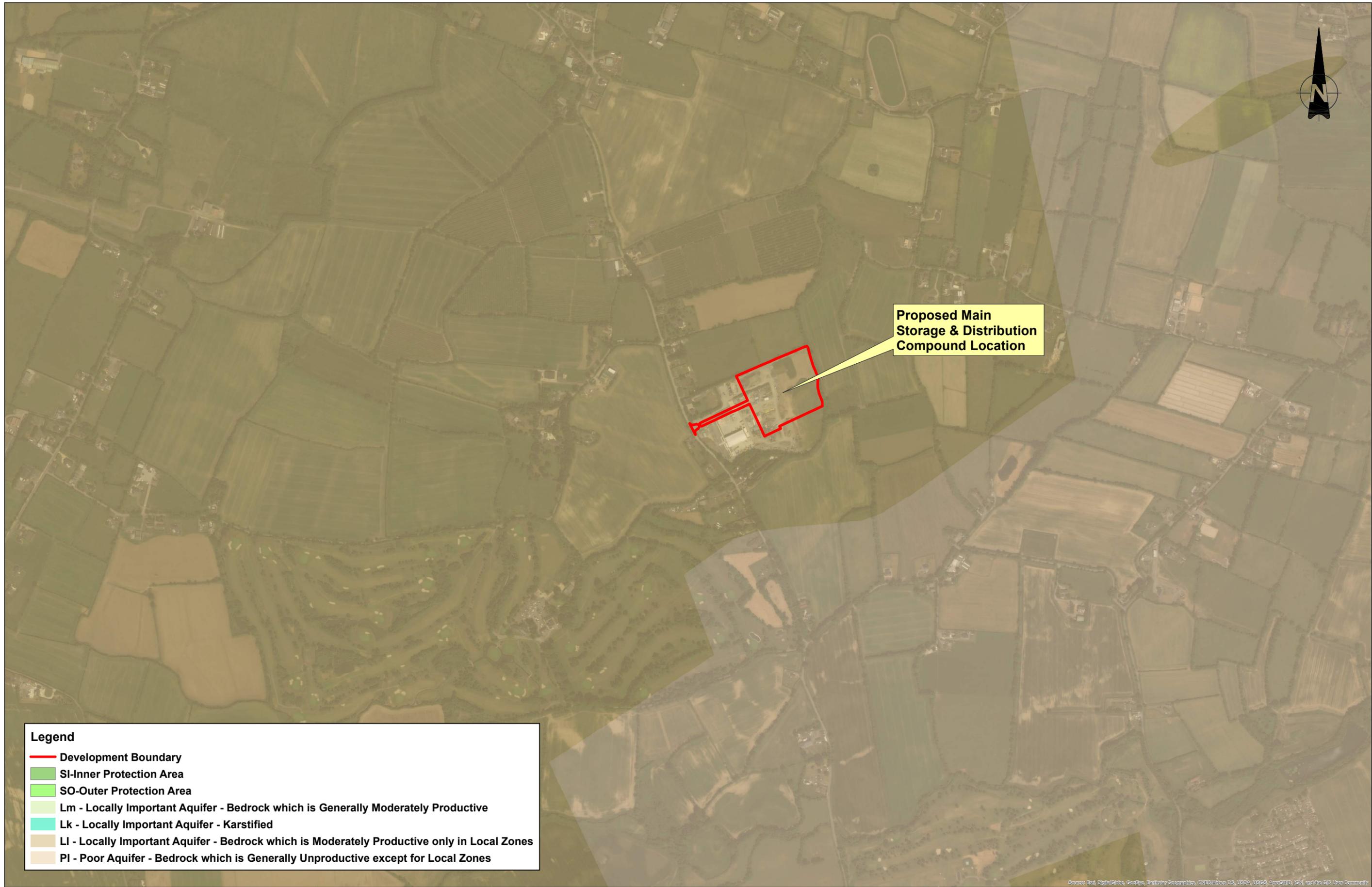


Drawing Title

**BEDROCK AQUIFER & PUBLIC SUPPLY
SOURCE PROTECTION AREA
SHEET 10**

Scale:
1:5,000 @ A1; 1:10,000 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	GEO	ROUT	DR	G	92010	D	
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet:10 of 11				



**Proposed Main
Storage & Distribution
Compound Location**

Legend	
	Development Boundary
	SI-Inner Protection Area
	SO-Outer Protection Area
	Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive
	Lk - Locally Important Aquifer - Karstified
	LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
	PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

Source: Esri, DeLorme, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Client	Tionscaldal Éireann Project Ireland 2040	NTA Údaráis Náisiúnta Iompair National Transport Authority	Project	DART+ West	Drawing Title	BEDROCK AQUIFER & PUBLIC SUPPLY SOURCE PROTECTION AREA SHEET 11							
Consultant	IDOM				Scale:	Drawing Number Project Originator Discipline Location Type Role Number Phase							
REV.	DATE	DESCRIPTION	LA	PK	FO'K	MAY	MDC	GEO	ROUT	DR	G	92011	D
V 01	April 2022	PLANNING ISSUE				Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01
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Client

Consultant

Project

DART+
West

Drawing Title

BEDROCK AQUIFER & PUBLIC SUPPLY
SOURCE PROTECTION AREA
SHEET 11

Scale:

0 62.5 125 250

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC GEO ROUT DR G 92011 D

Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 11 of 11