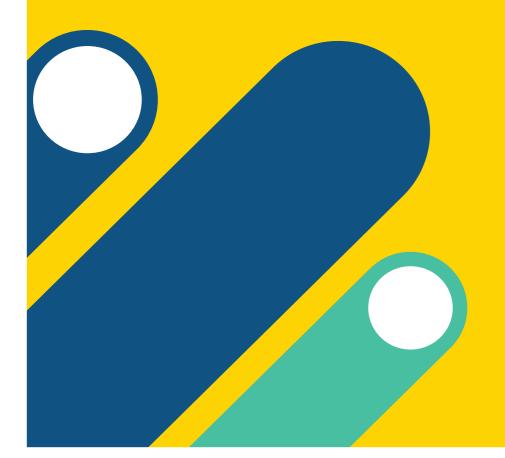
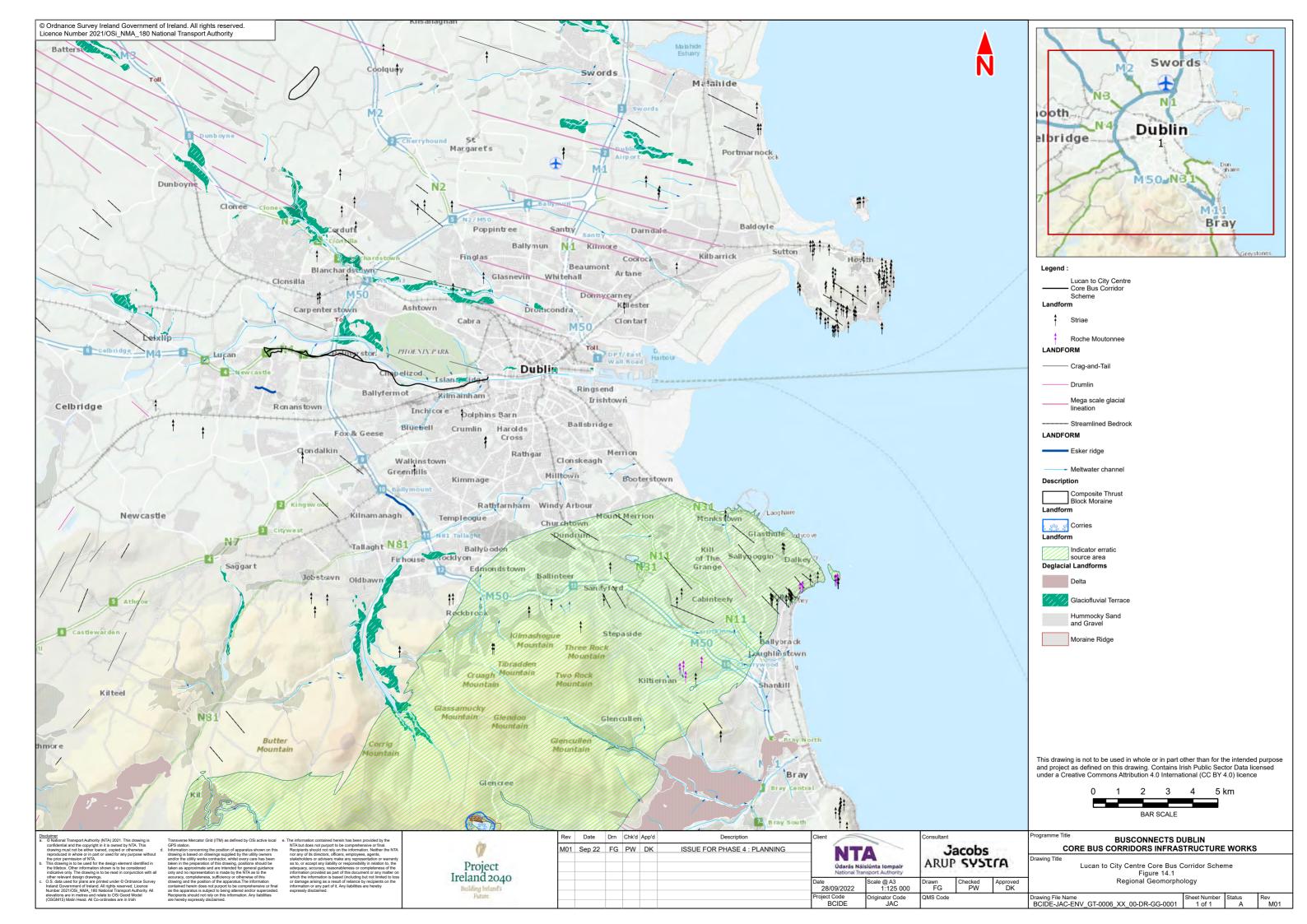
# **14.1** Regional Geomorphology

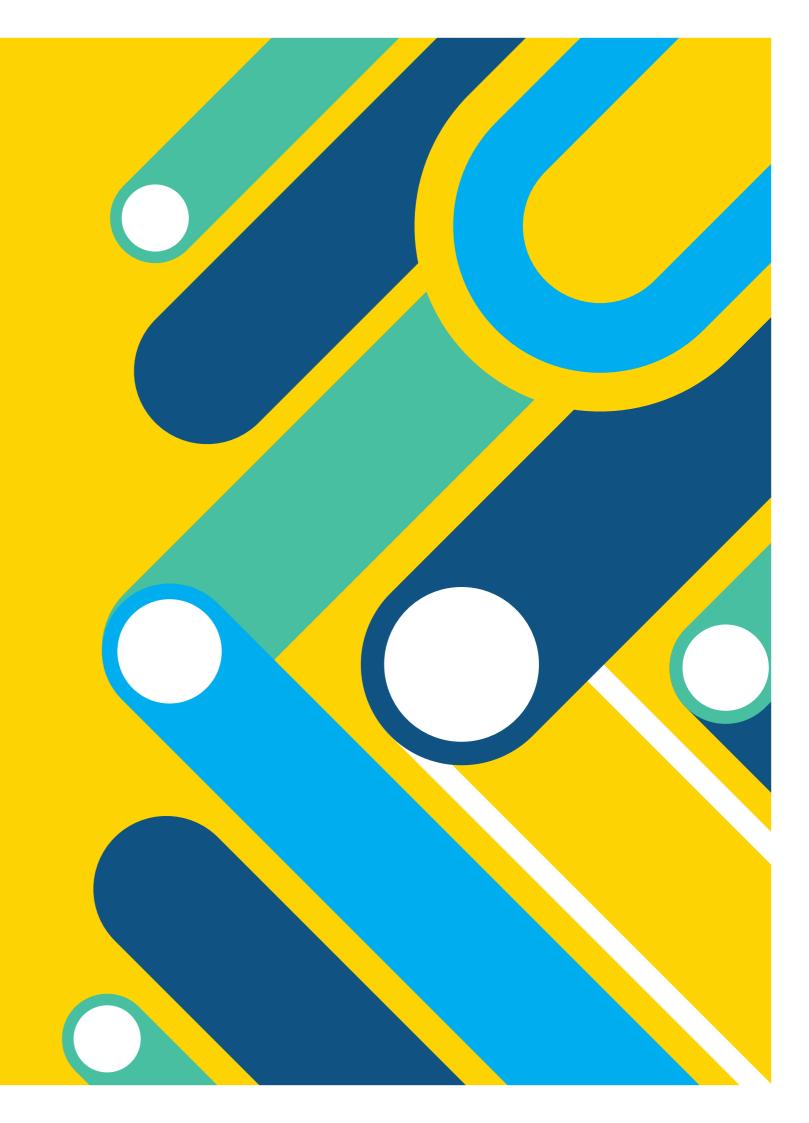


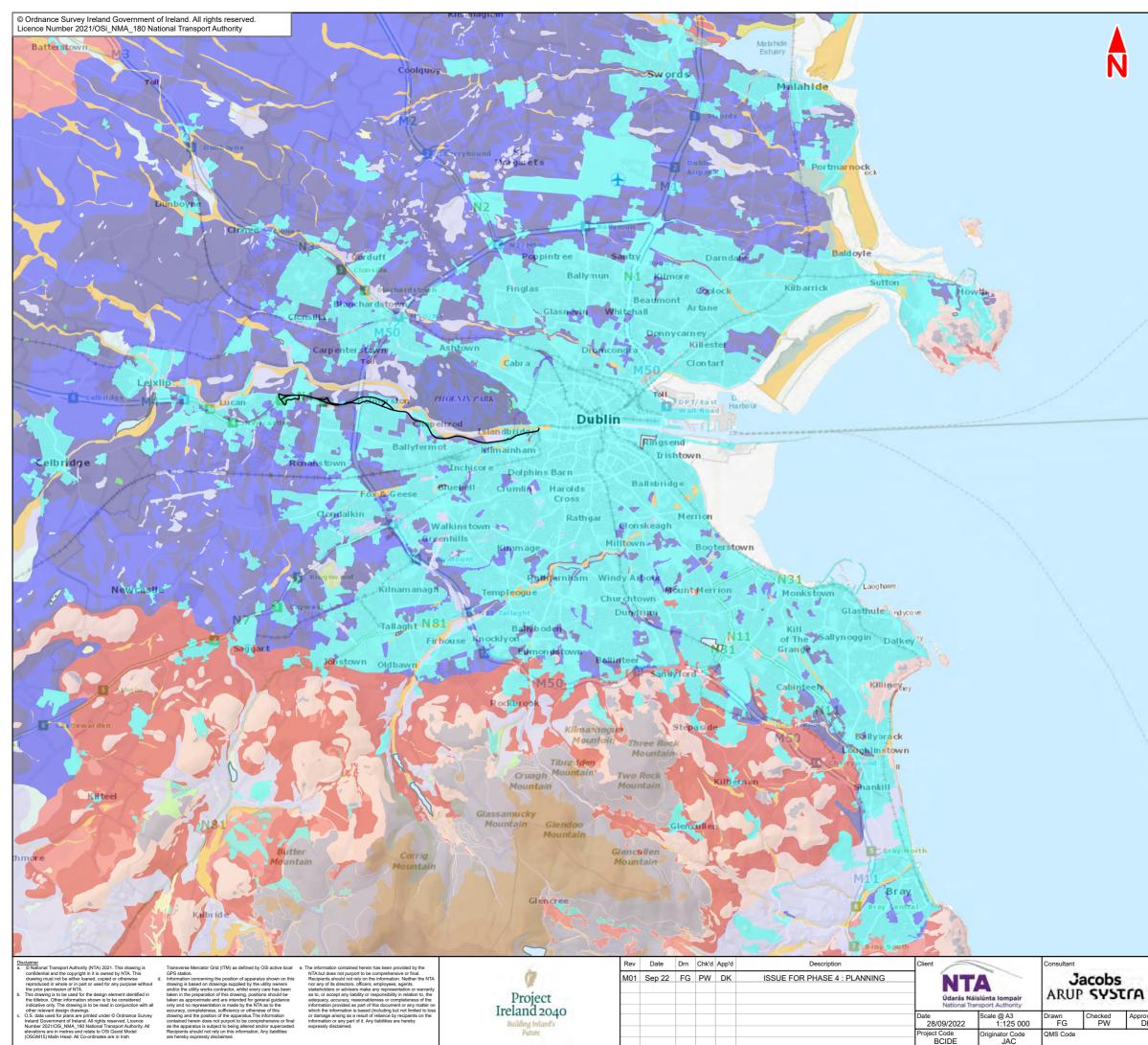




## **14.2** Regional Soils











#### Legend :

Lucan to City Centre Core Bus Corridor Scheme

#### Teagasc Soils

AeoUND - Aeolian Undifferentiated AlluvMIN - Mineral alluvium

AminDW - Acid Brown Earths / Brown Podzolics

AminPD - Surface water Gleys / Ground water Gleys Acidic

AminPDPT - Peaty Gleys Acidic

AminSP - Surface water Gleys / Ground water Gleys Shallow

AminSRPT - Podzols Peaty

AminSW - Lithosols / Regosols

BktPt - Blanket peat

BminDW - Grey Brown Podzolics Brown Earths Basic



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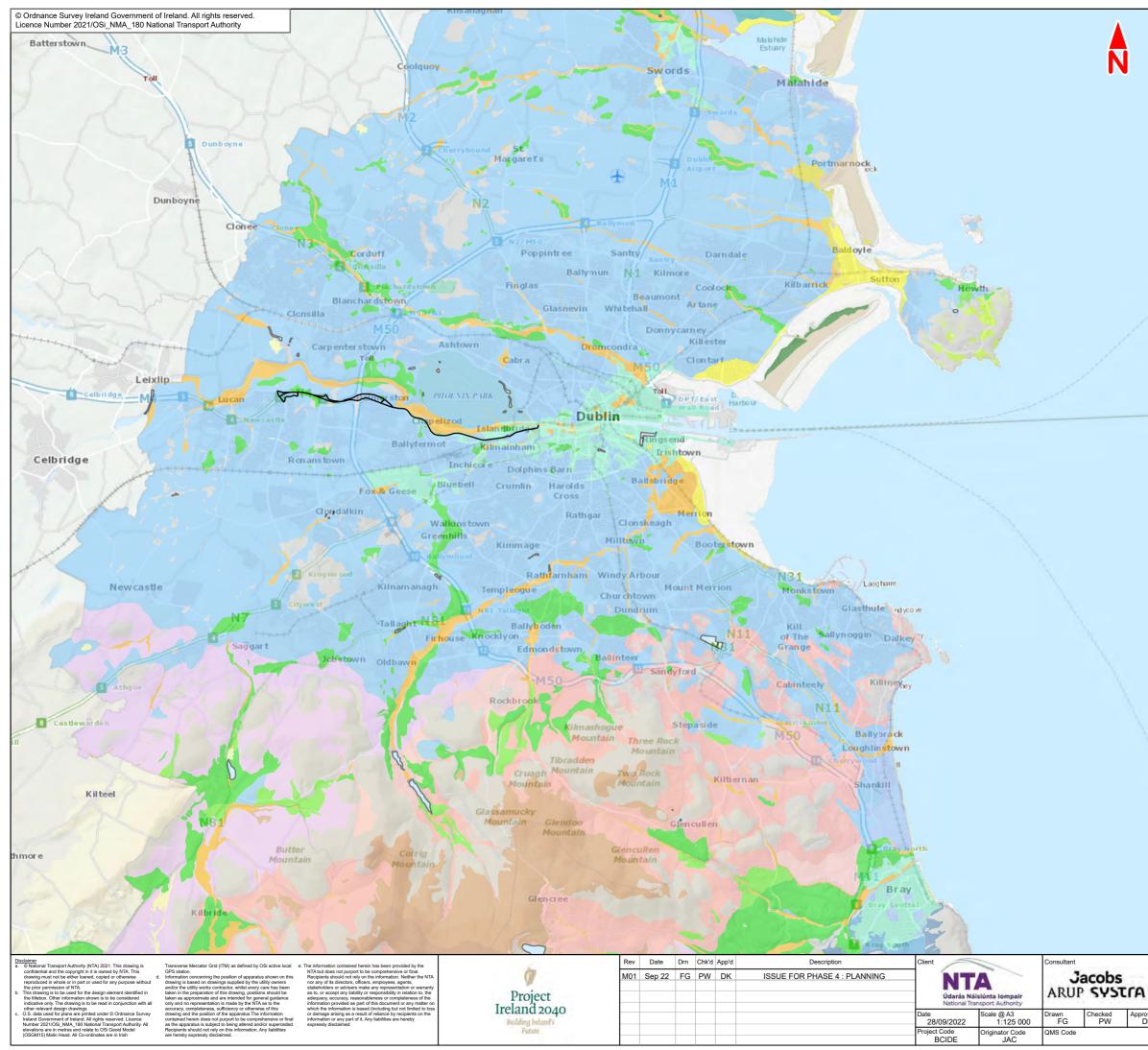
Lucan to City Centre Core Bus Corridor Scheme Figure 14.2 Regional Soils

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## **14.3** Regional Subsoils













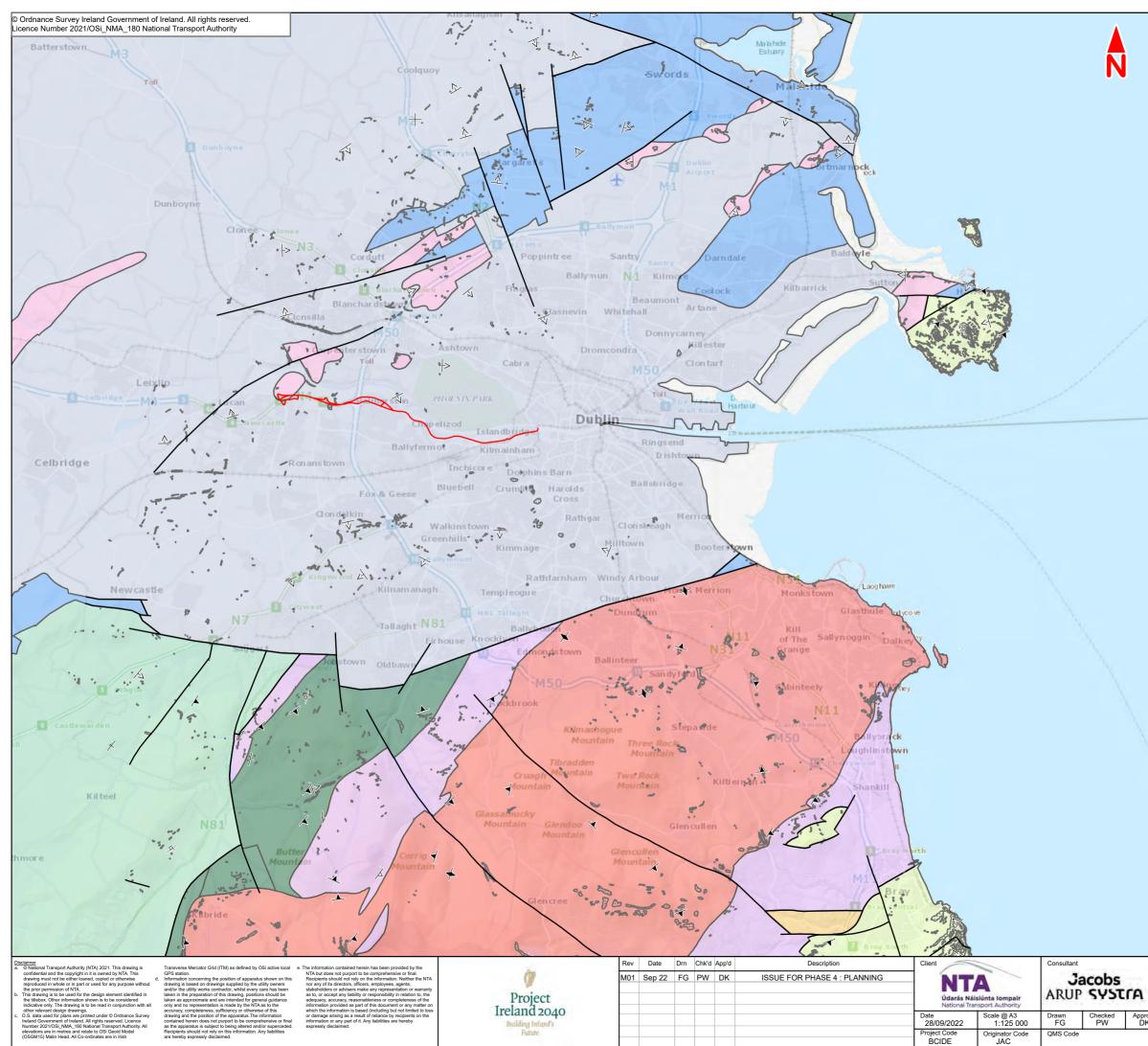
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## **14.4** Regional Bedrock







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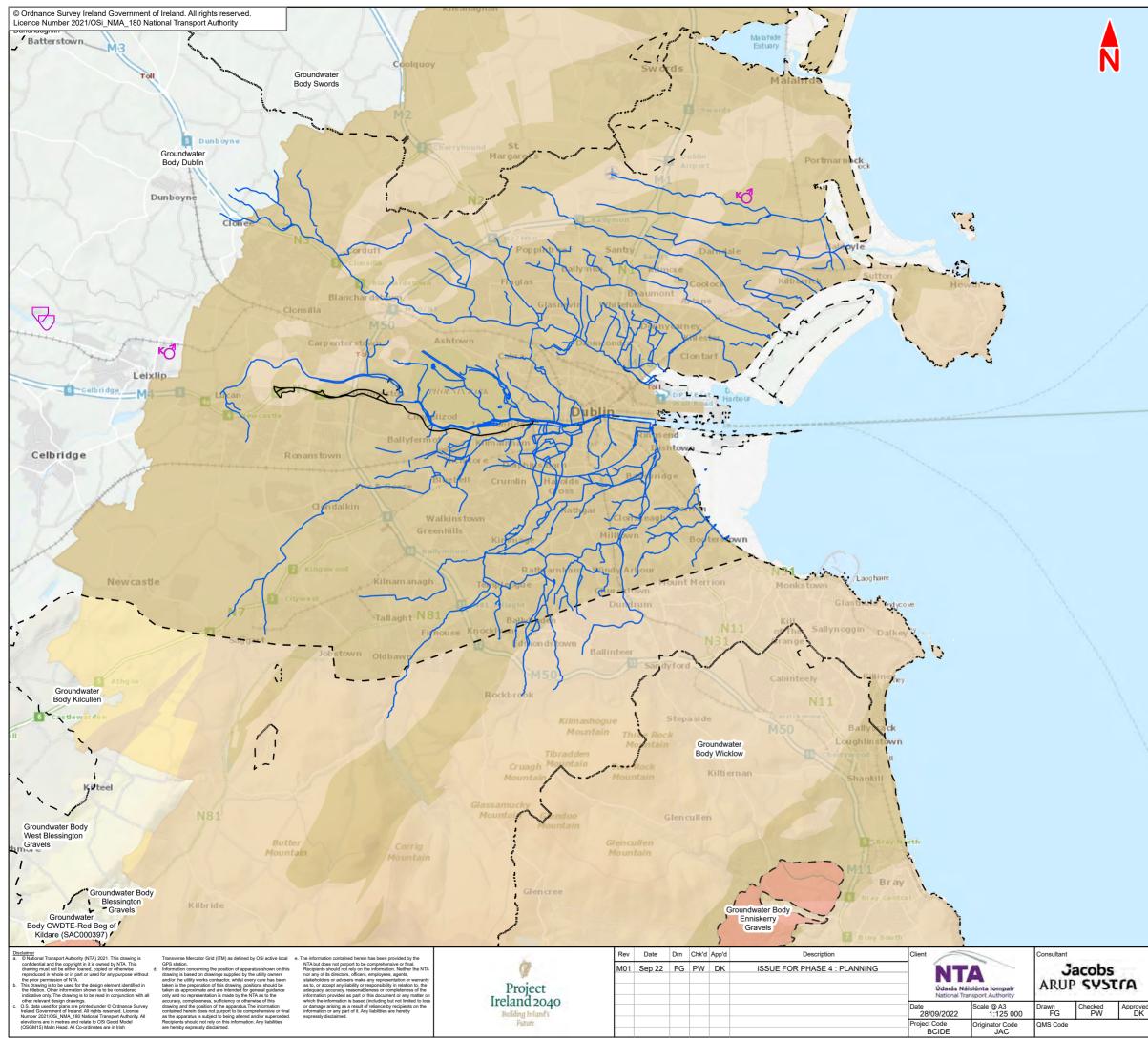
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	Lucan to City Centre Core Bus Corridor Scheme
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	GSI Bedrock Structural Symbols - 1:100,000
	First foliation parallel to bedding
	Horizontal Bedding
	Strike and dip of bedding, right way up
	- Strike and dip of bedding, way up unknown
	<ul> <li>Strike and dip of first foliation</li> </ul>
	Strike and dip of overturned bedding
	Strike and dip of second foliation
	Strike of vertical first foliation
	GSI Bedrock Outcrop - 1:100,000
	GSI Bedrock Outcrop - 1:100,000
	GSI Bedrock Geology - 1:500,000
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	Mid-Up Ordovician basic volcanics
	Lr-Mid Ordovician slate
	Lr-Mid Ordovocian acid volcanics
1	LI-Mid Ordovician acid volcanics
	Cambrian greywacke, sandst, qtzite
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## **14.5** Regional Aquifers





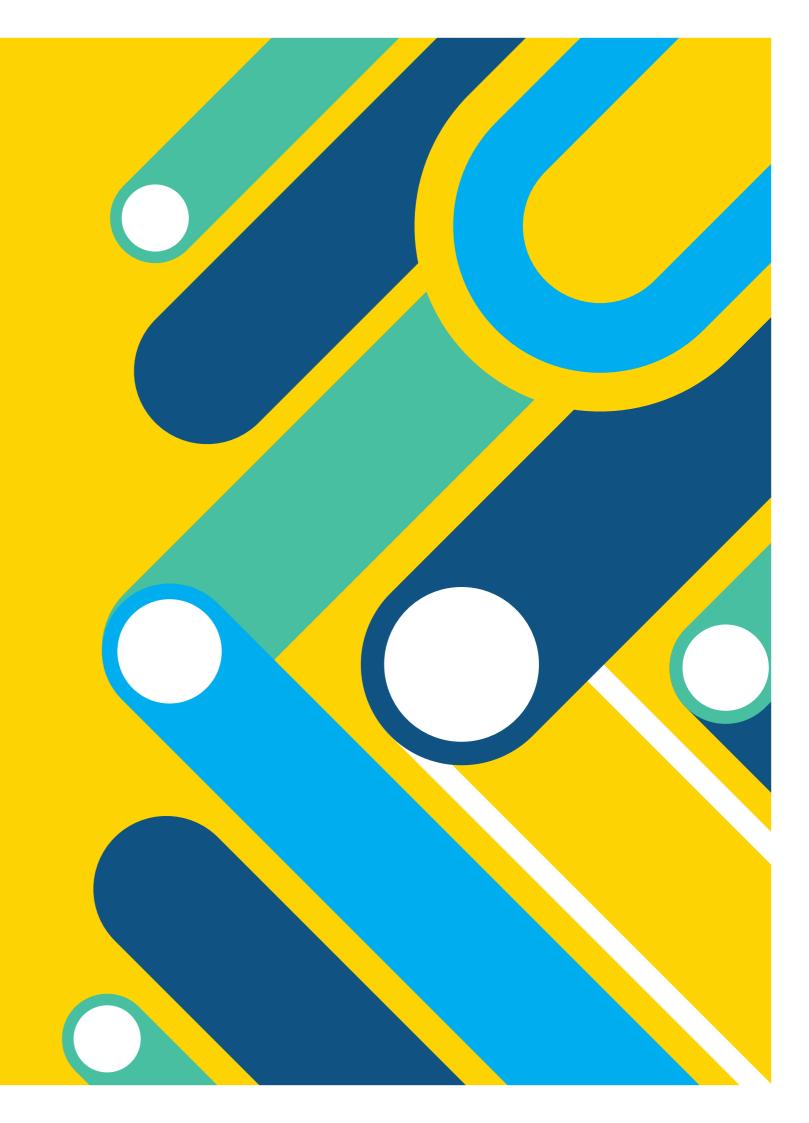


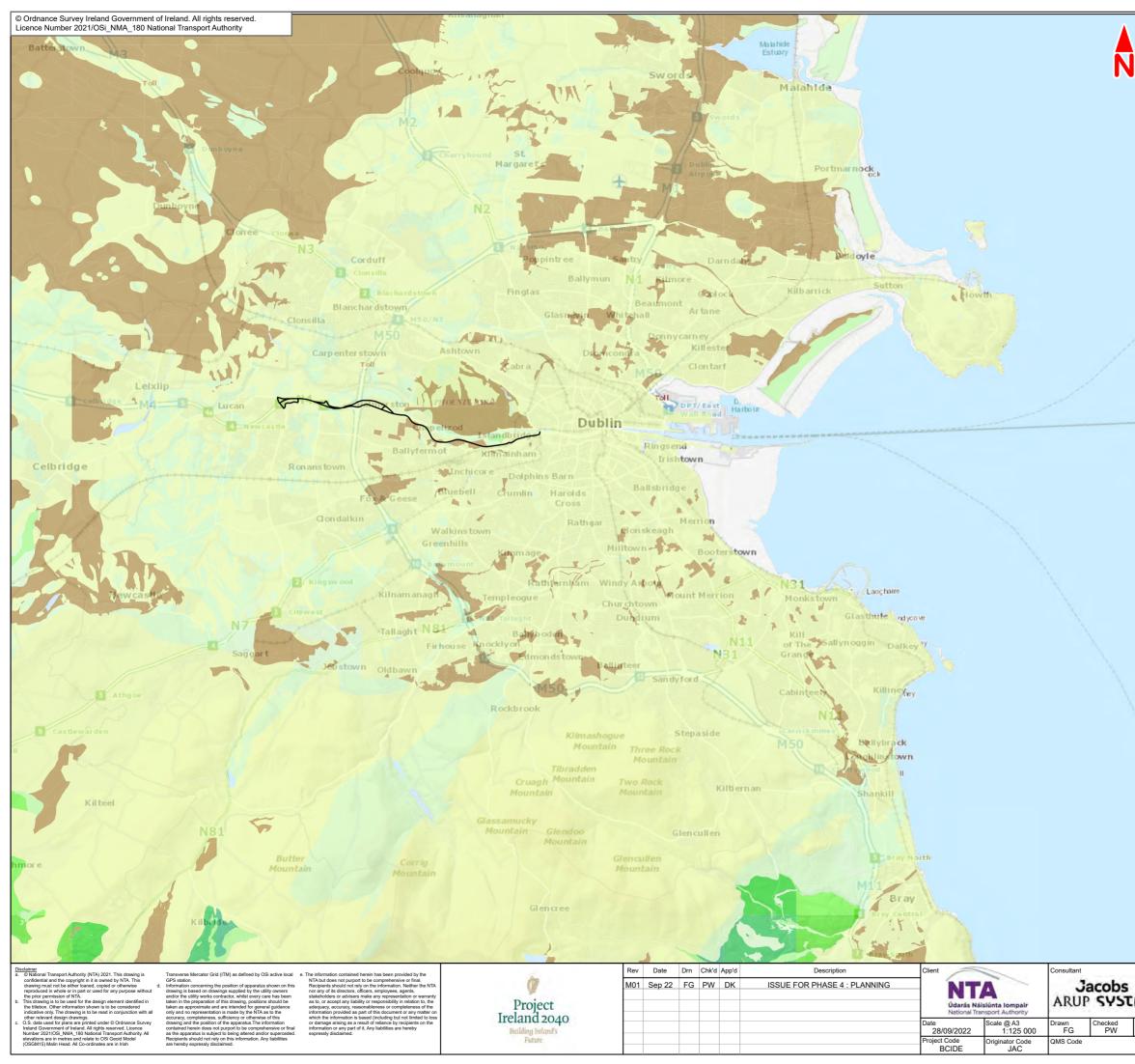


	NB Swords NI m Dublin 1 M50-NB1 M11 Bray
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	Lucan to City Centre Core Bus Corridor Scheme
	Rivers Of Dublin
	GSI Sand And Gravel Aquifers
	Groundwater Bodies - Water Framework Directive
	GSI Karst
_	CAVE
	GSI Bedrock Aquifer
	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones (LI)
	Locally Important Aquifer - Bedrock which is Generally
	Moderately Productive (Lm)
	Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones (PI)
	Poor Aquifer - Bedrock which is Generally
	Unproductive (Pu)
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i	Regional Aquifers
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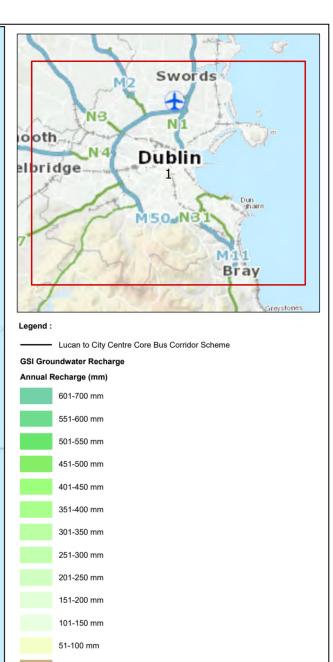
### **14.6** Regional Groundwater Recharge











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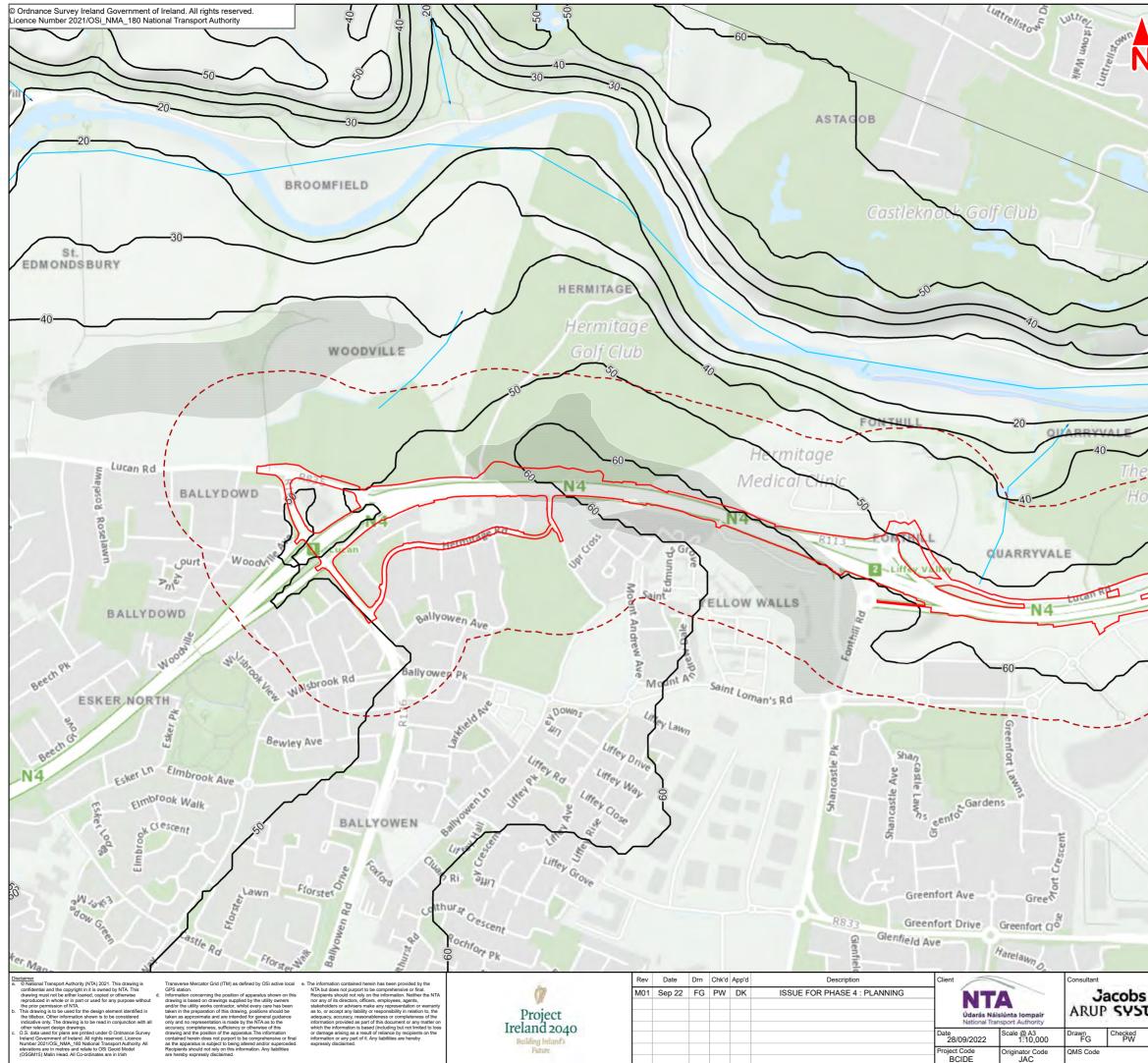
Lucan to City Centre Core Bus Corridor Scheme Figure 14.6 Regional Groundwater Recharge

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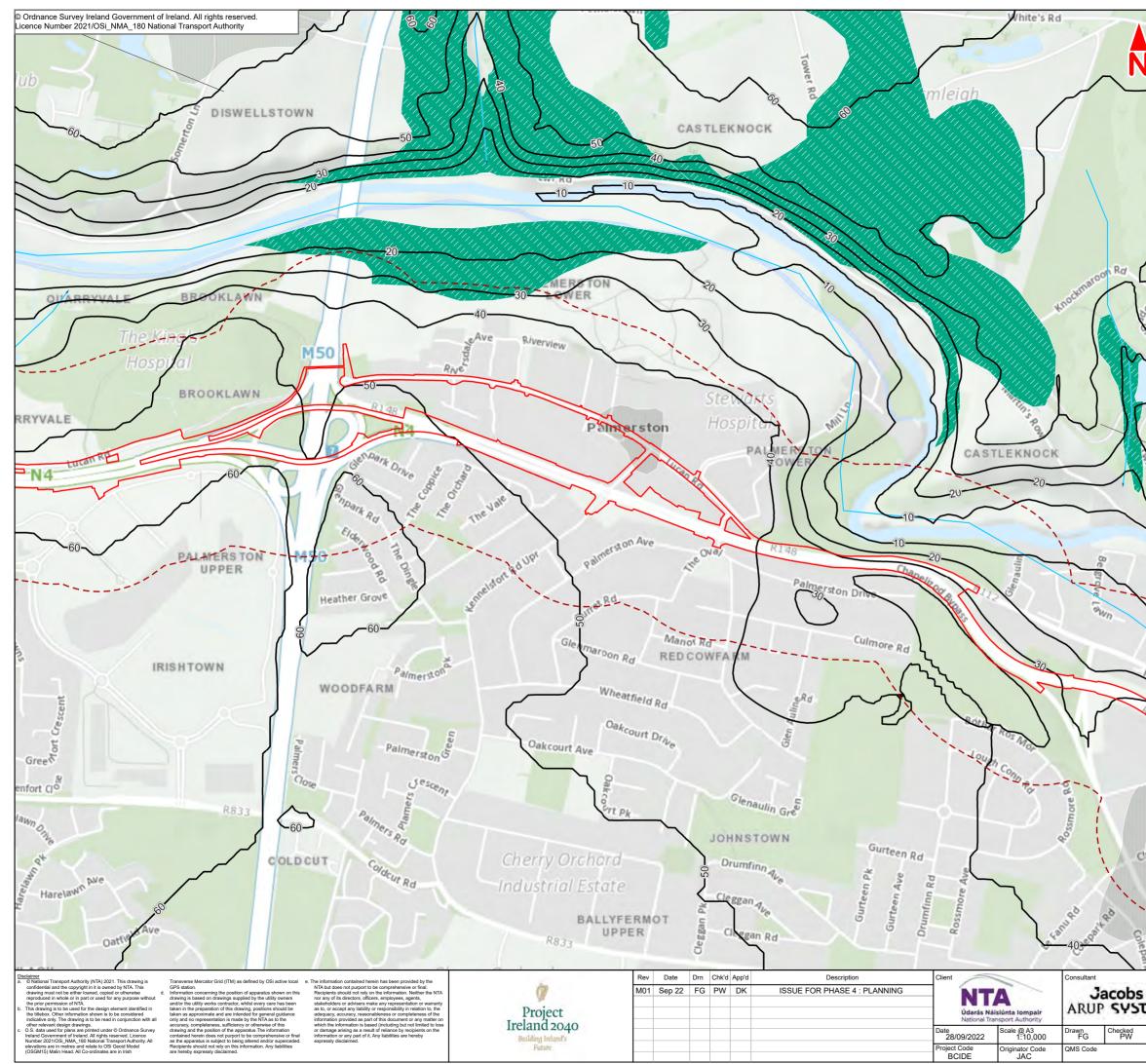
### **14.7** Topography and Geomorphology





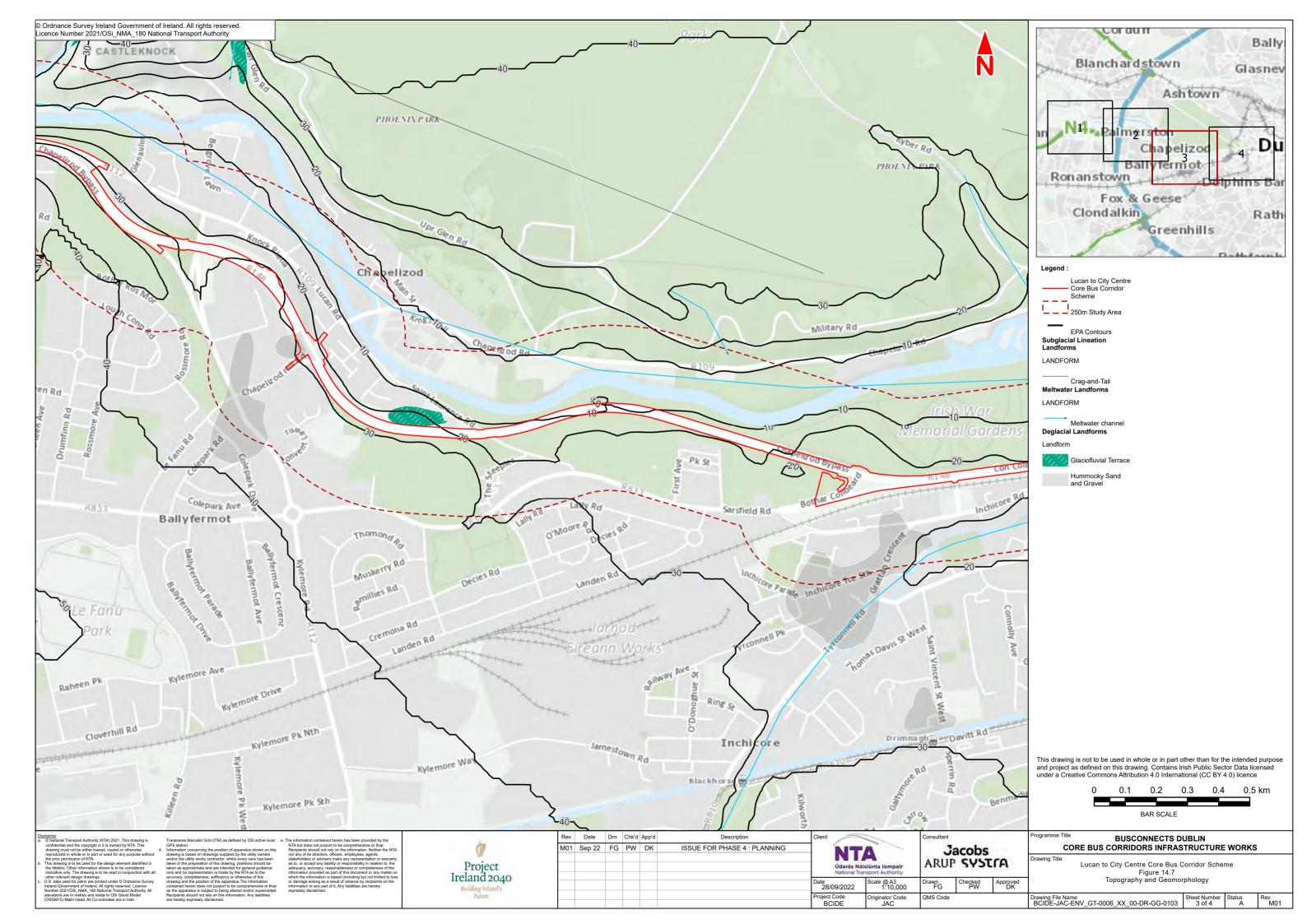


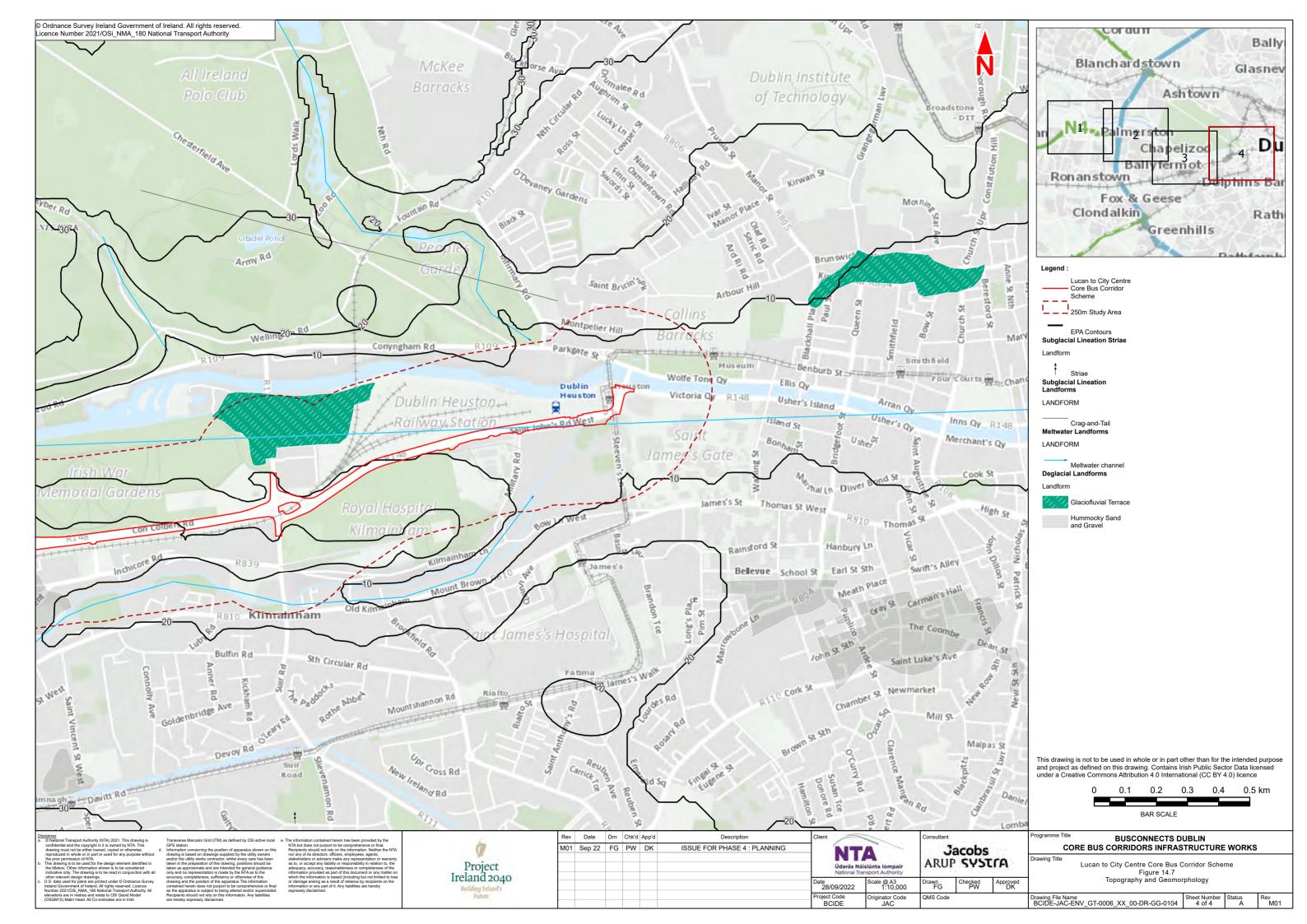
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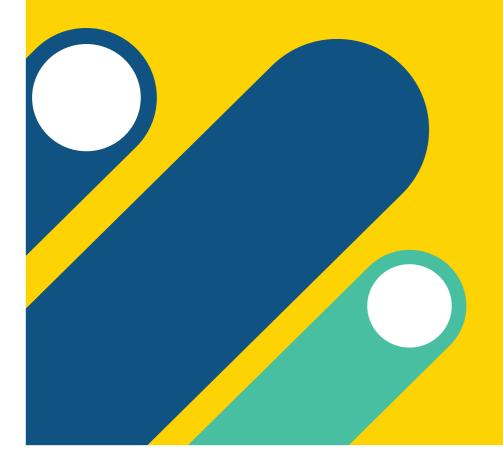
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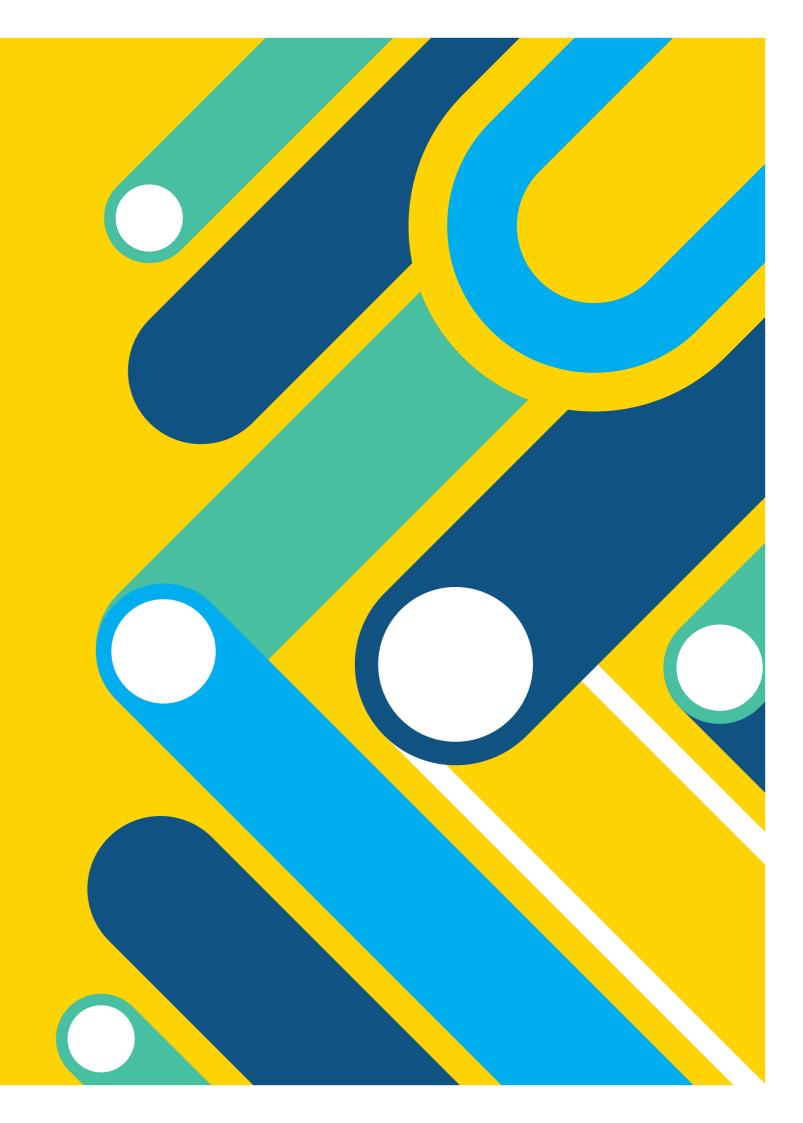
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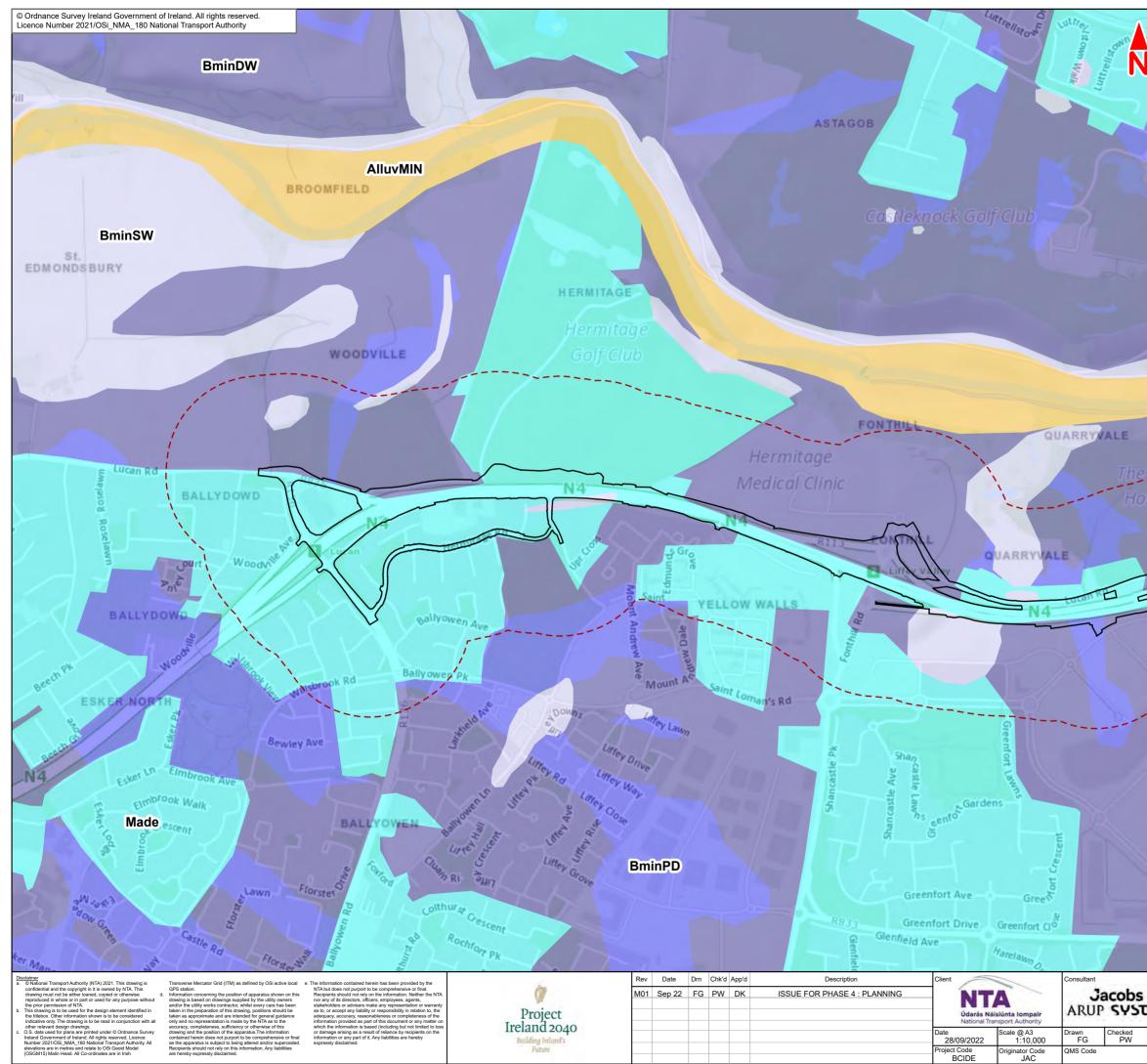




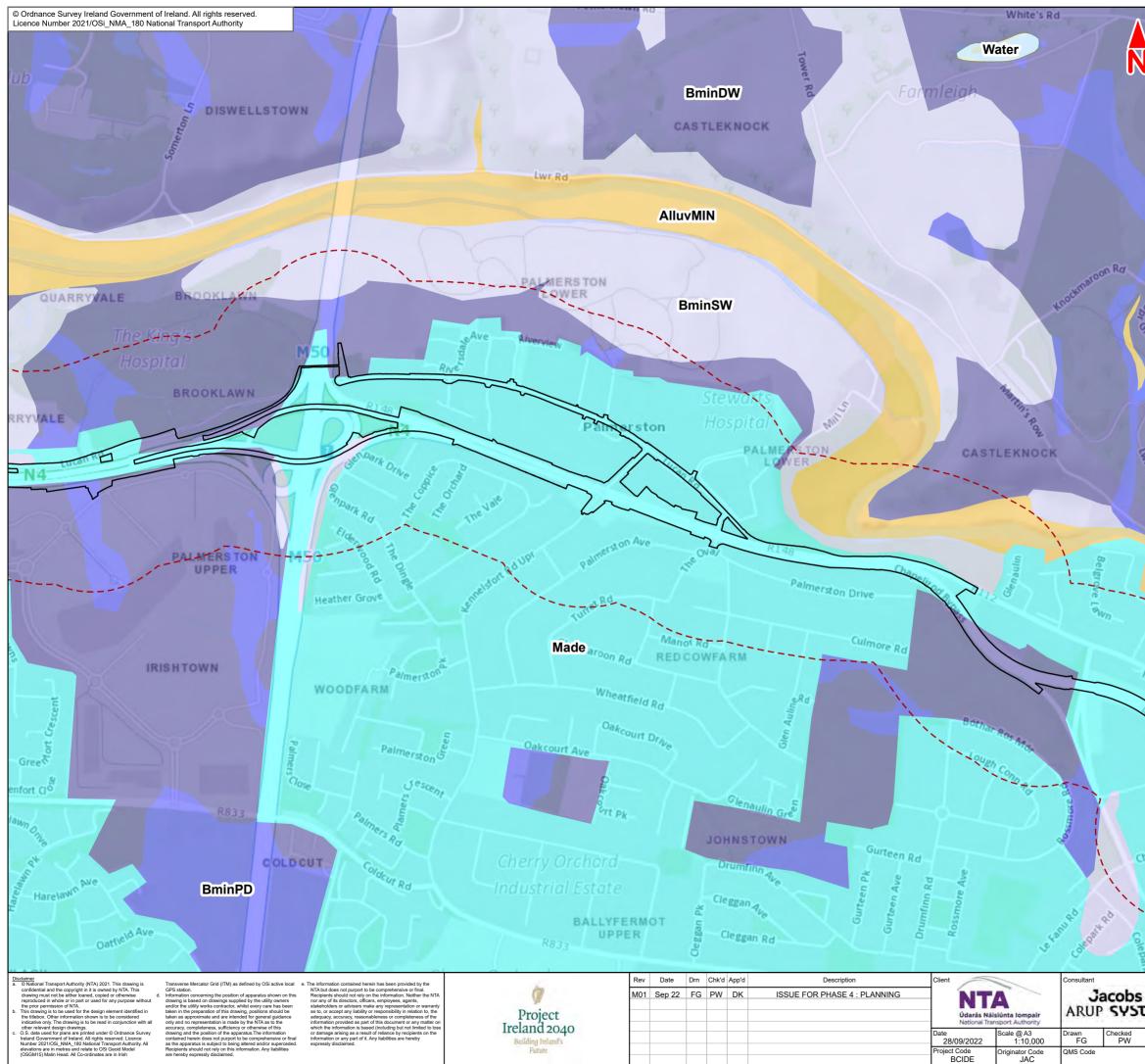
## **14.8** Soil Deposits





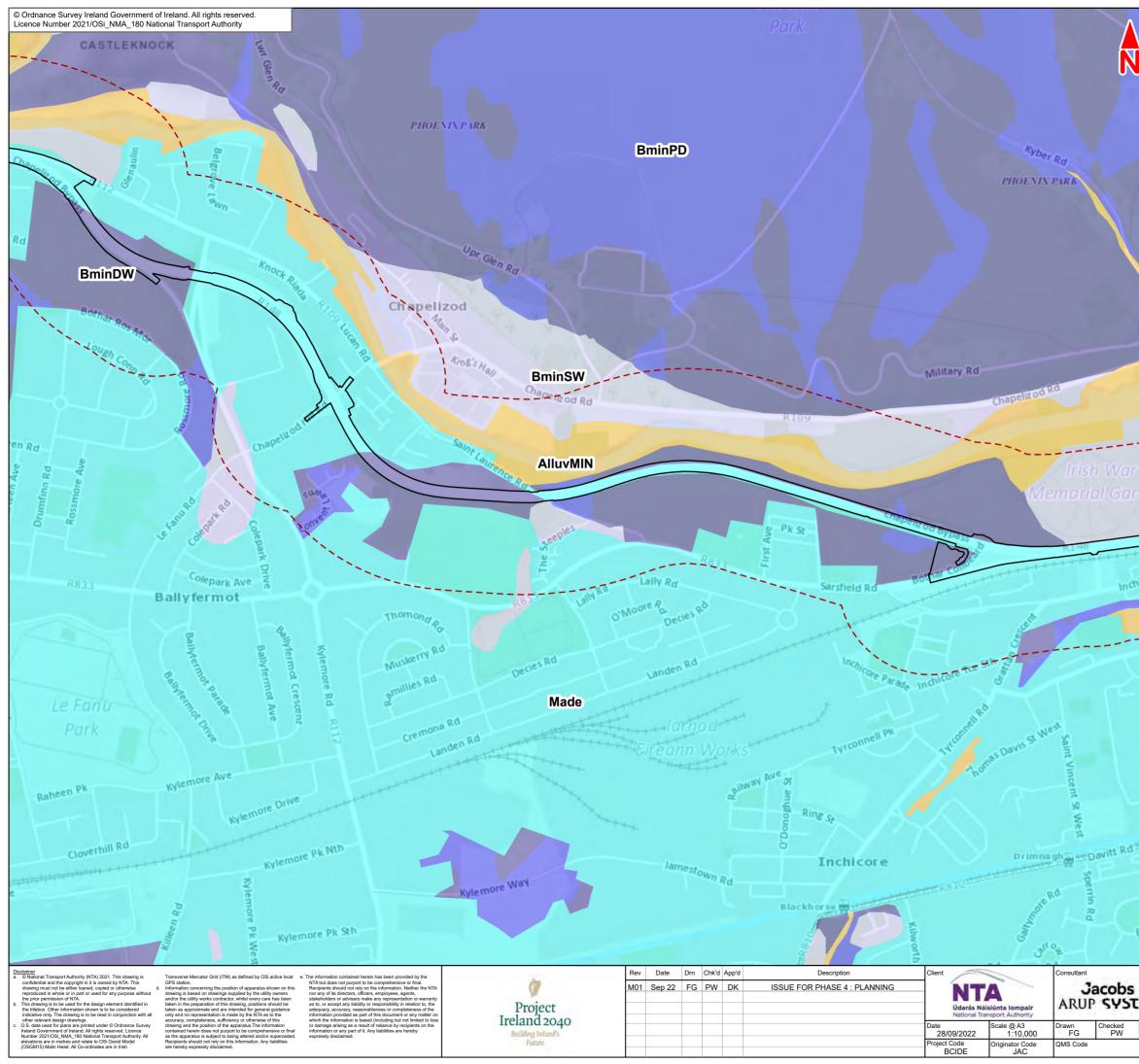


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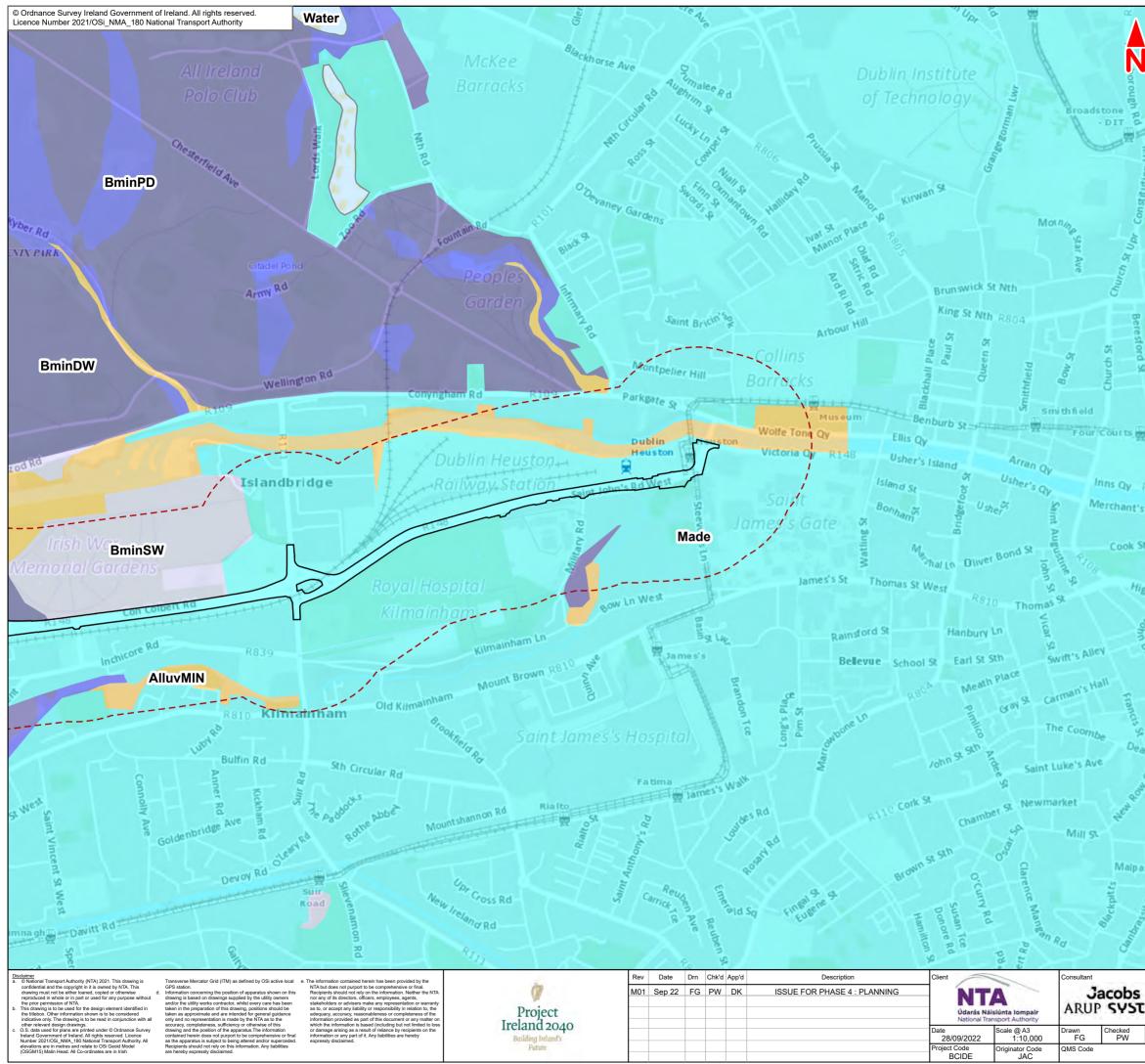
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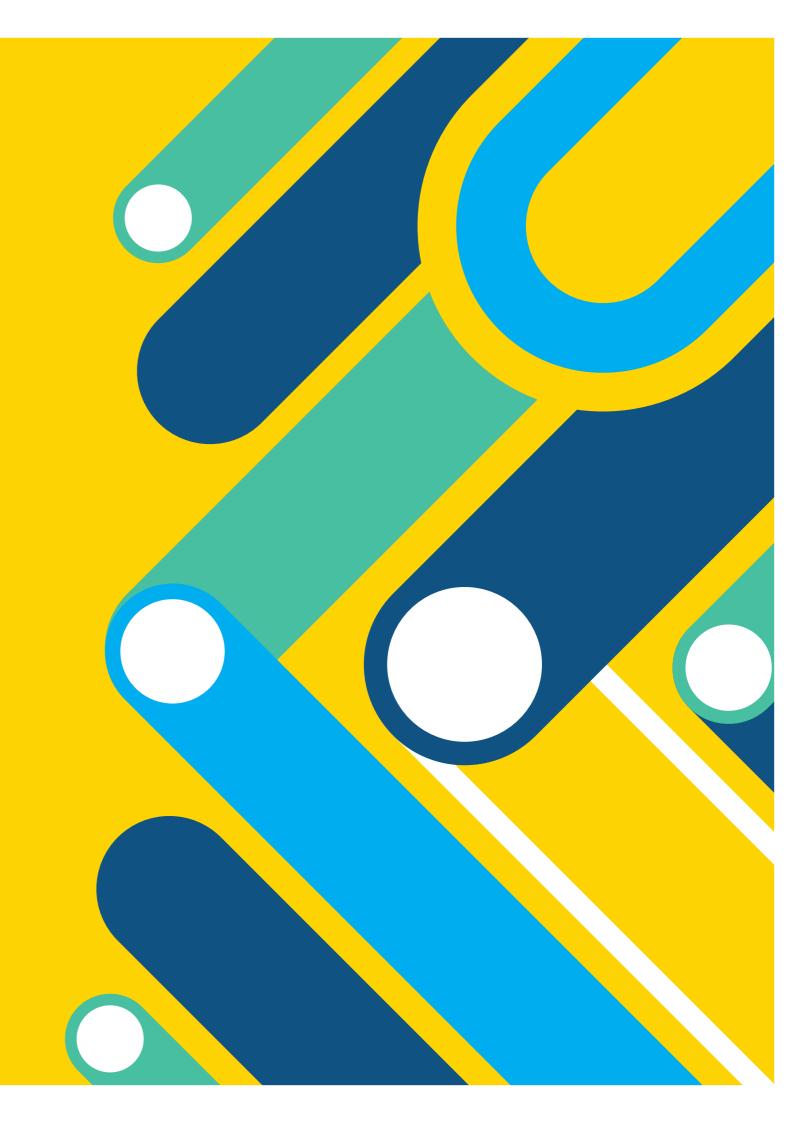
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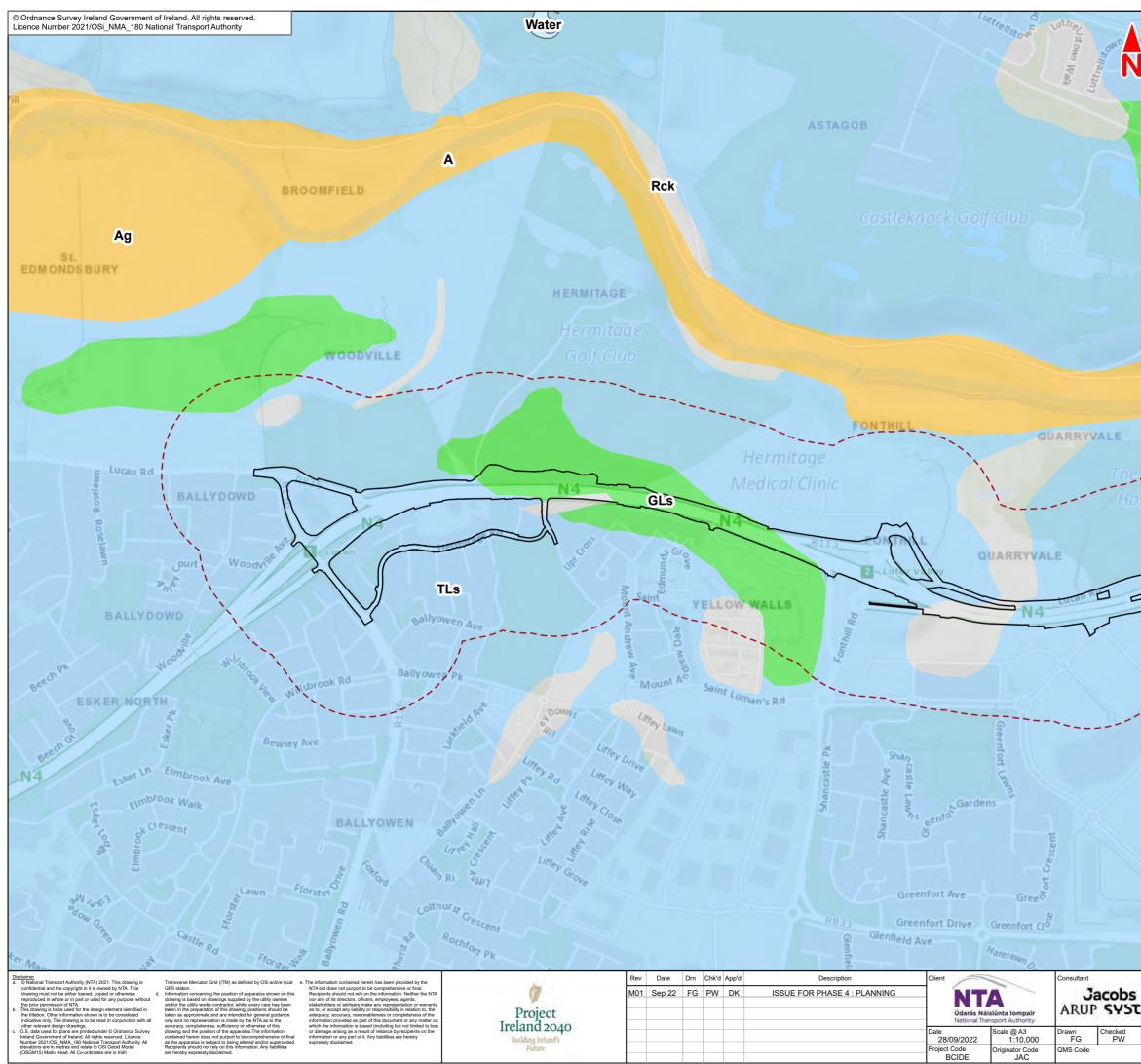


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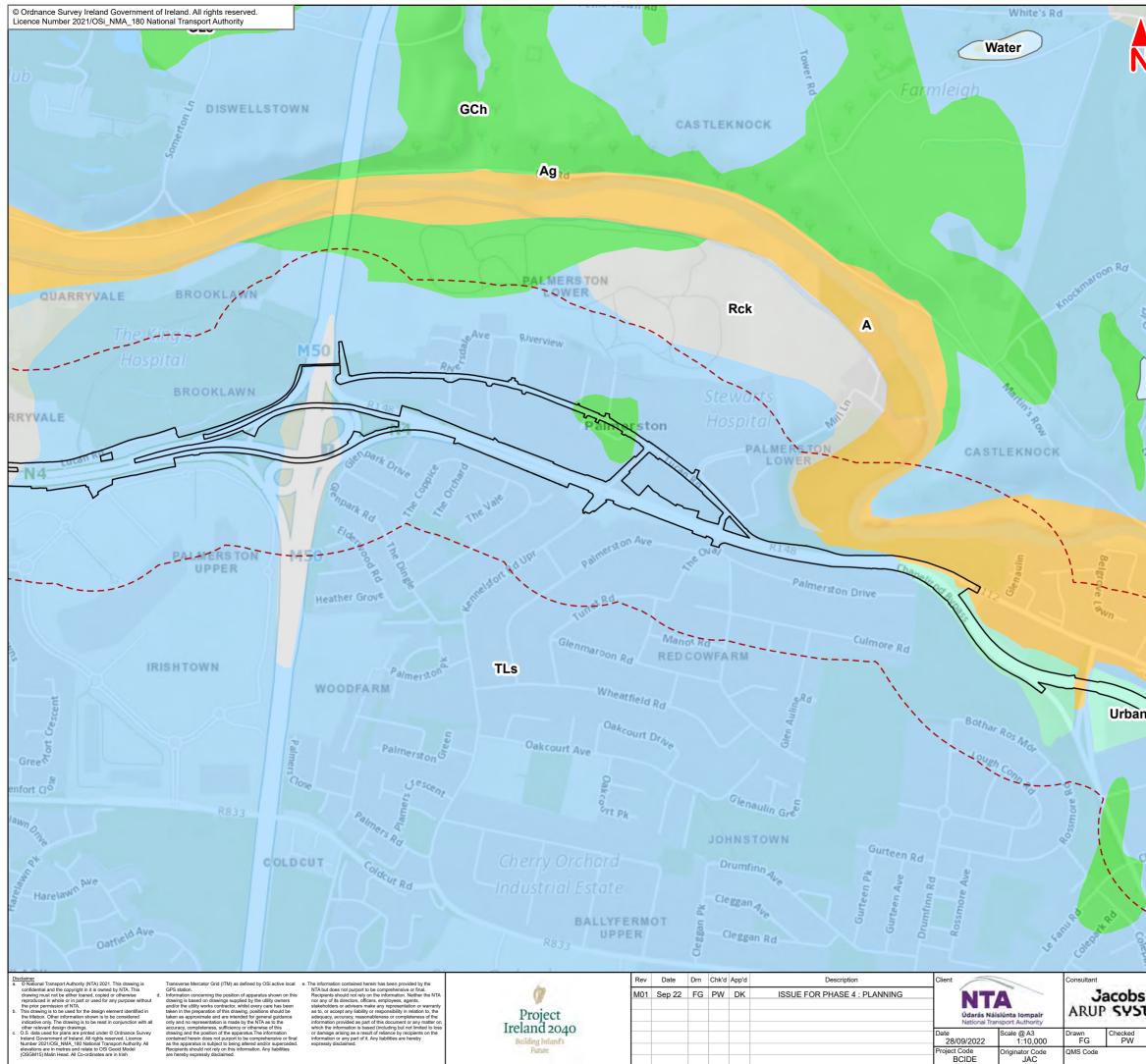
## **14.9** Subsoil Deposits



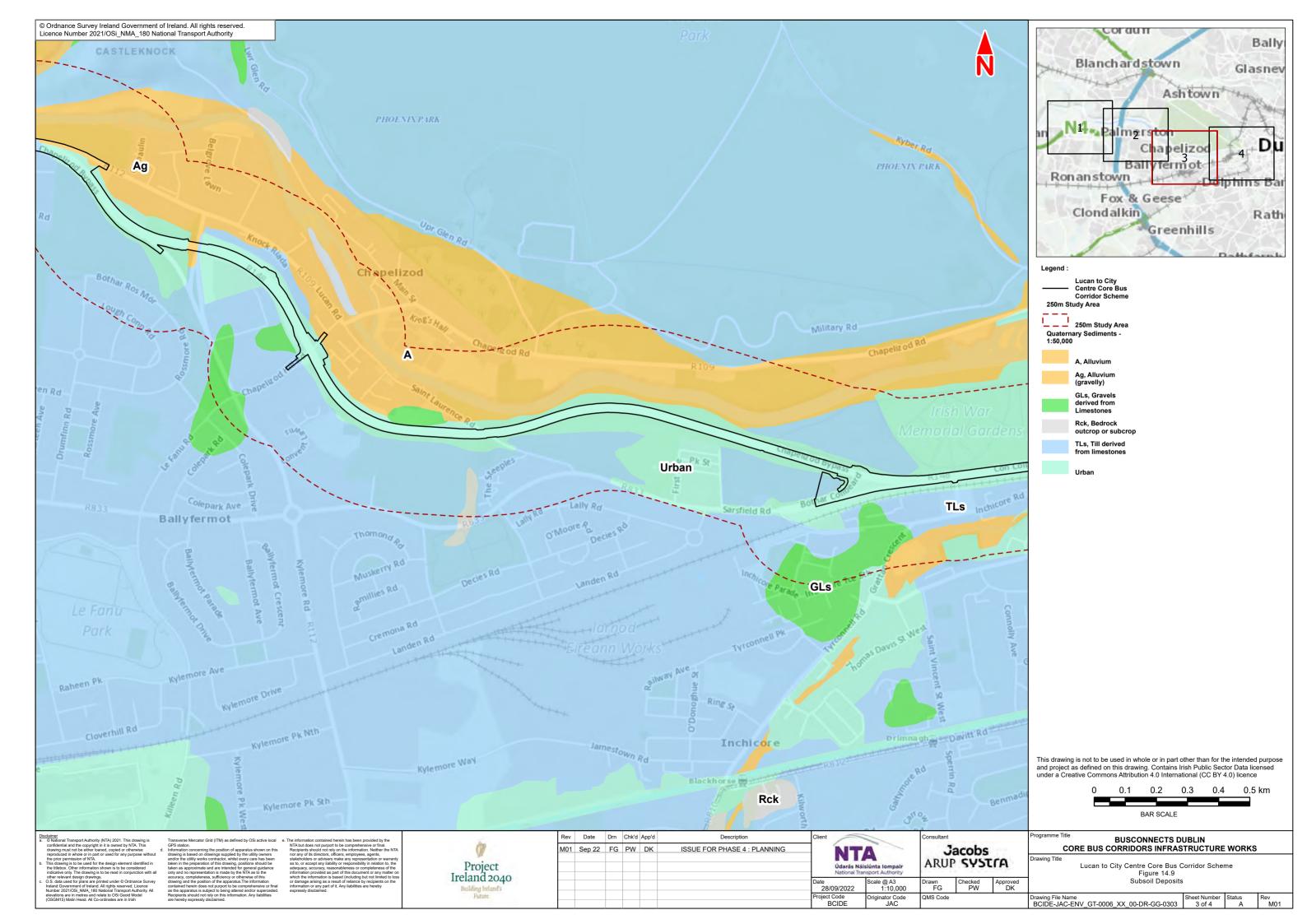


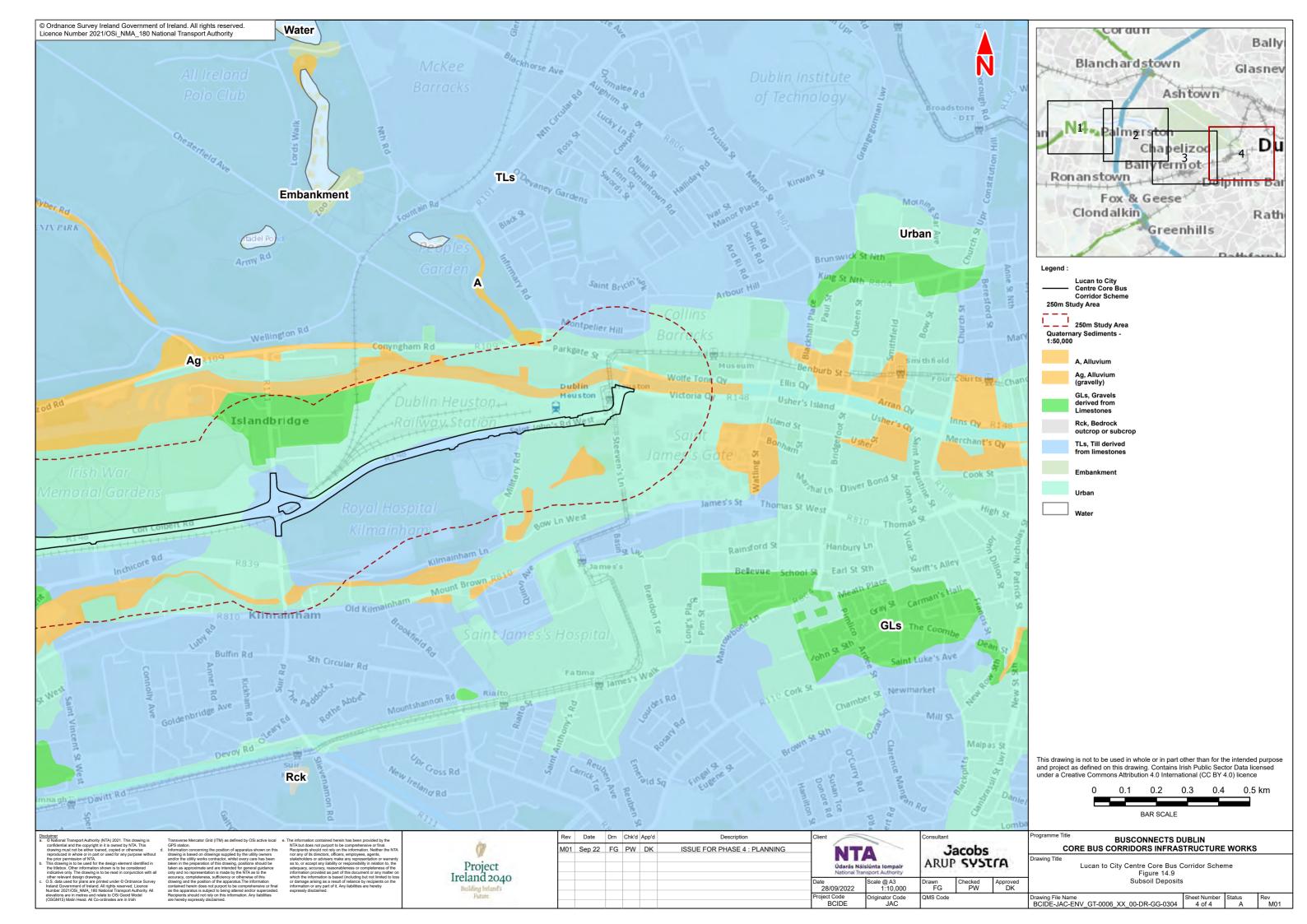


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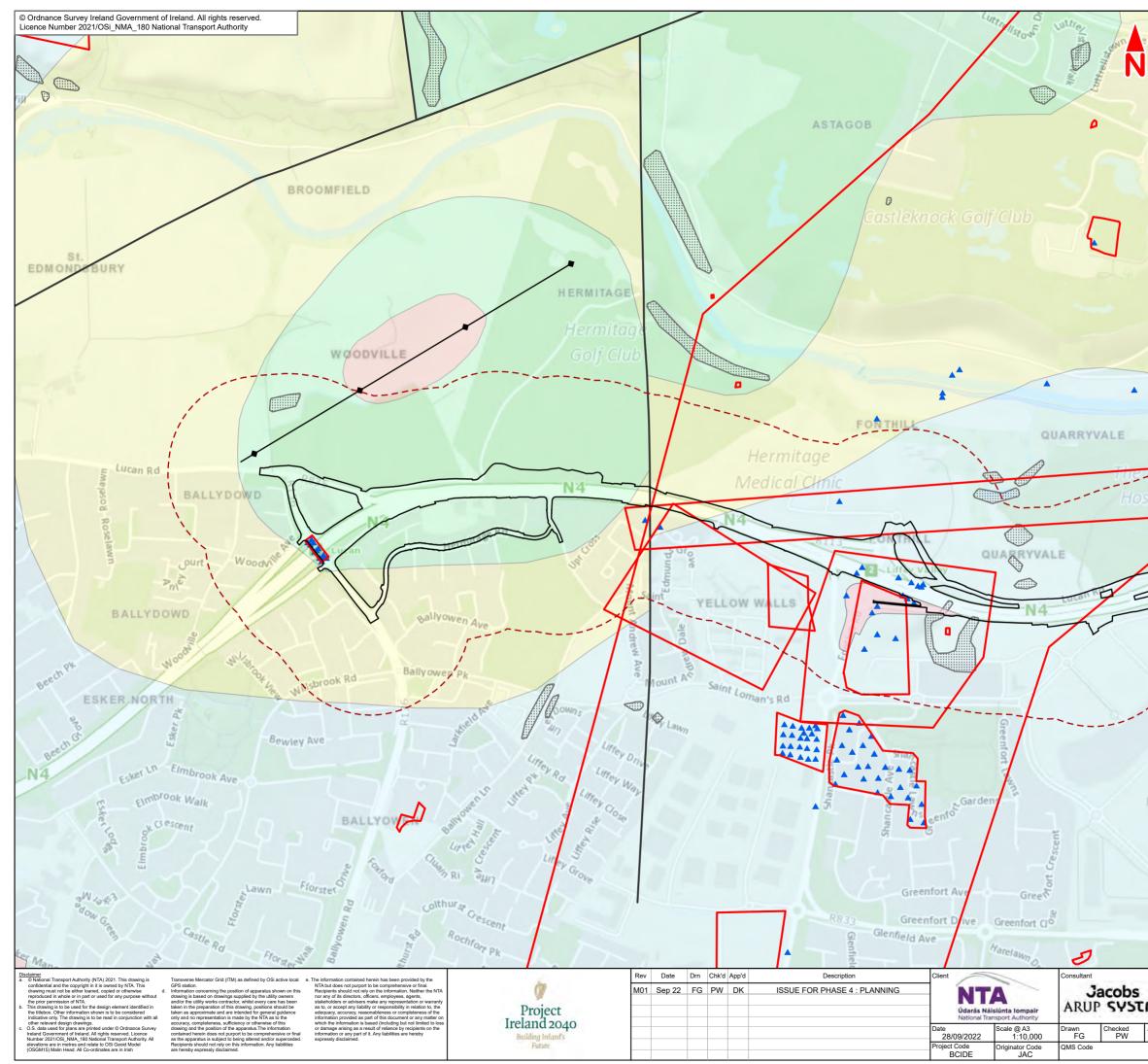




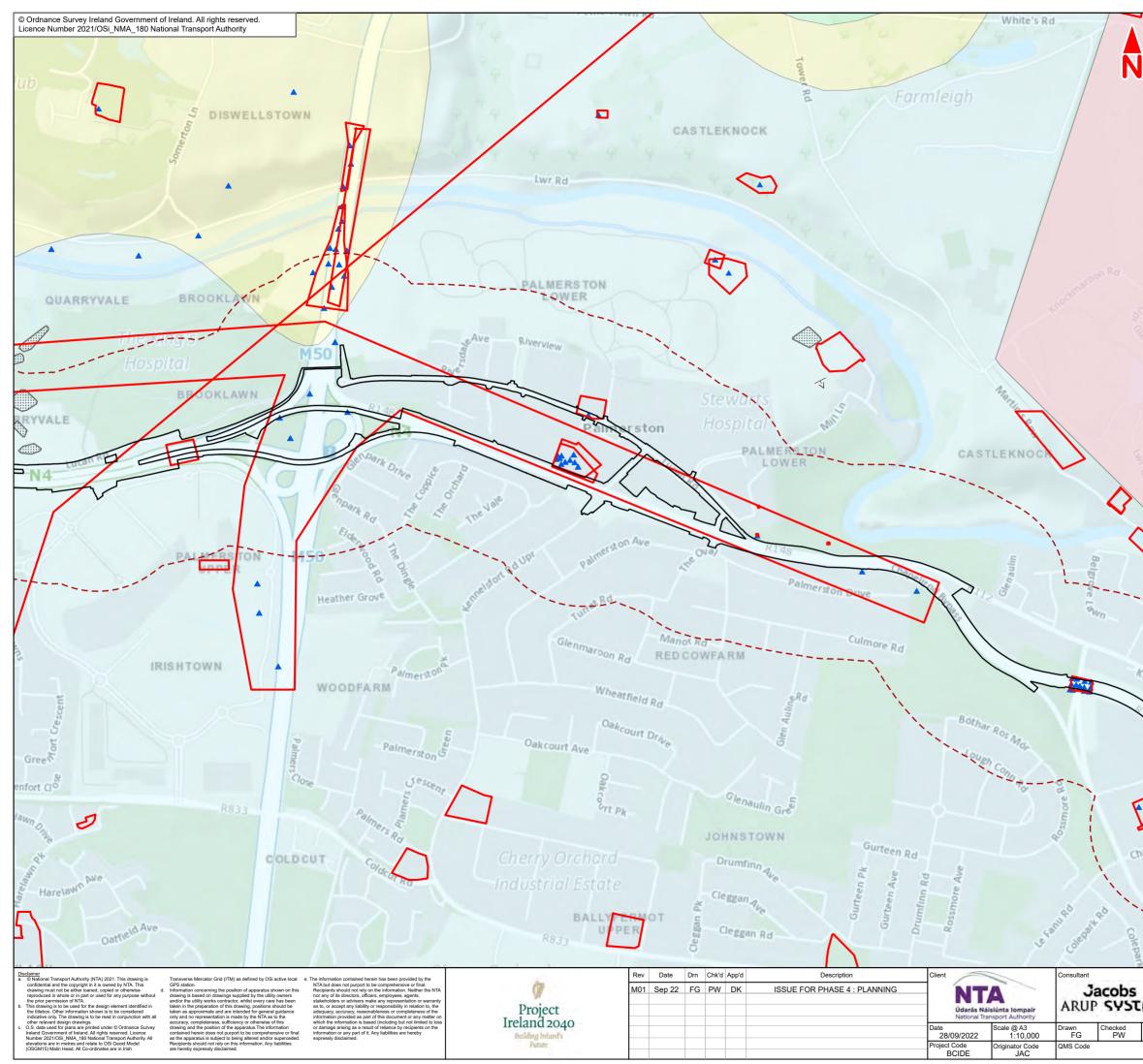
## **14.10** Bedrock Geology



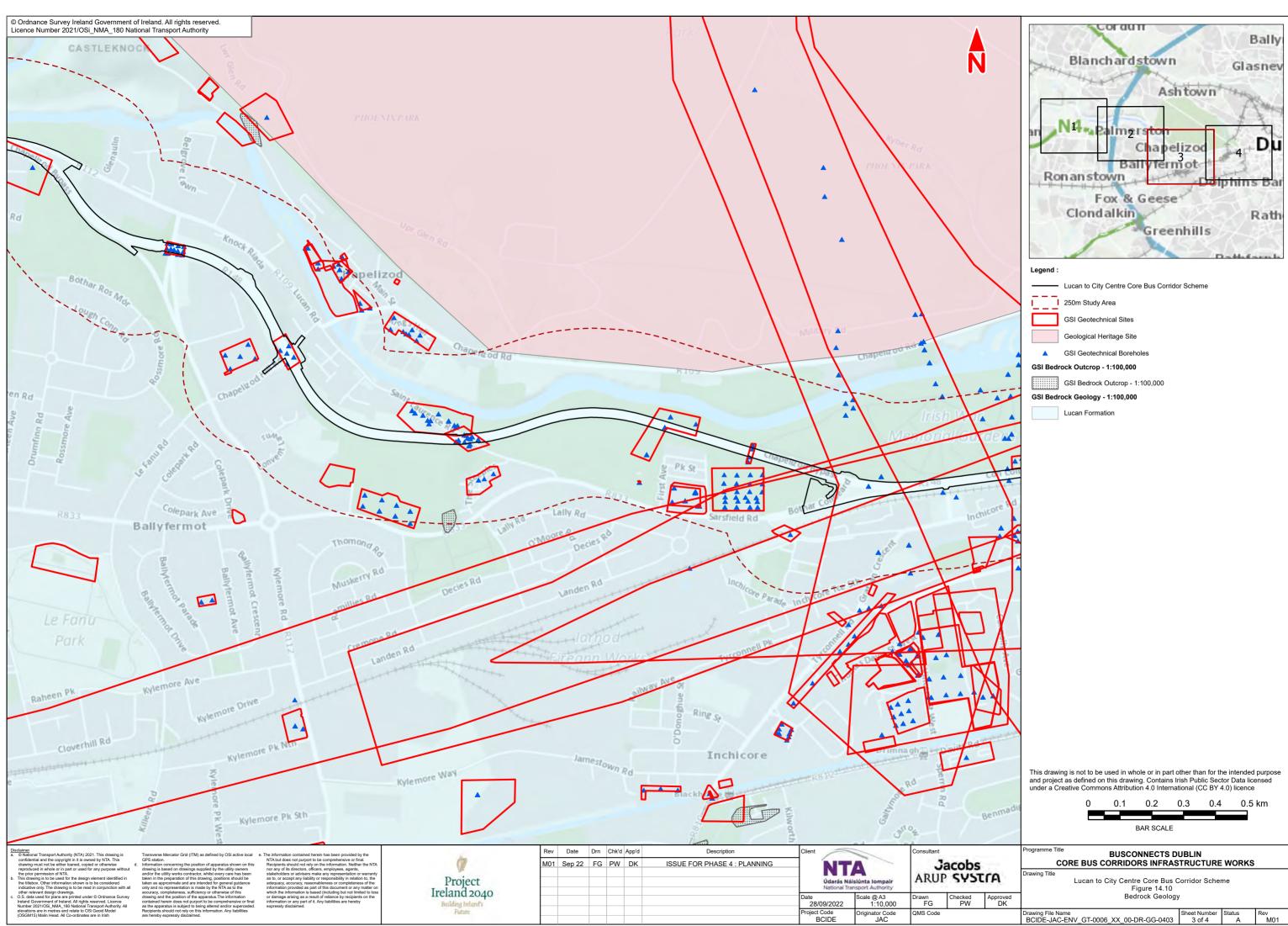




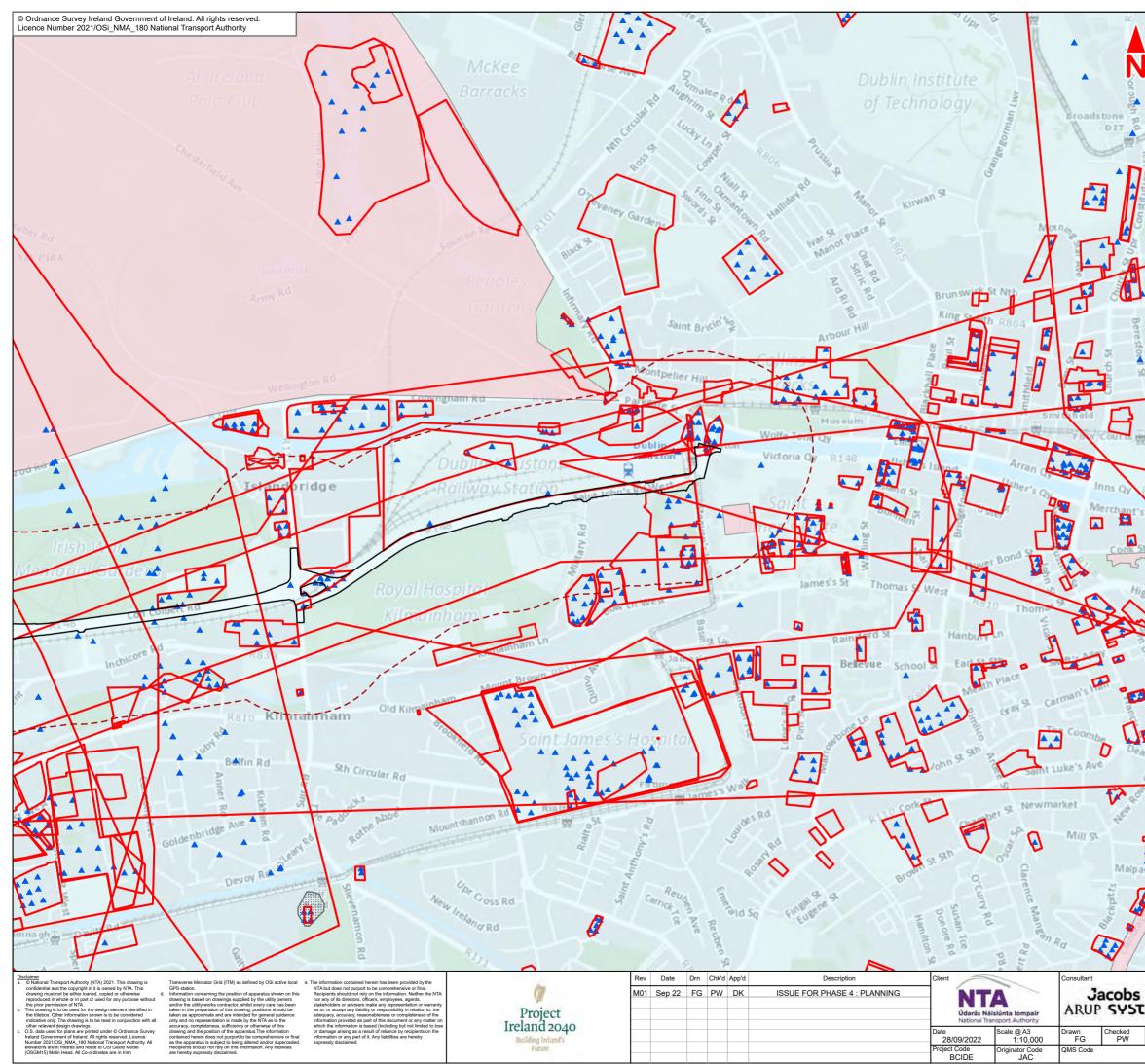
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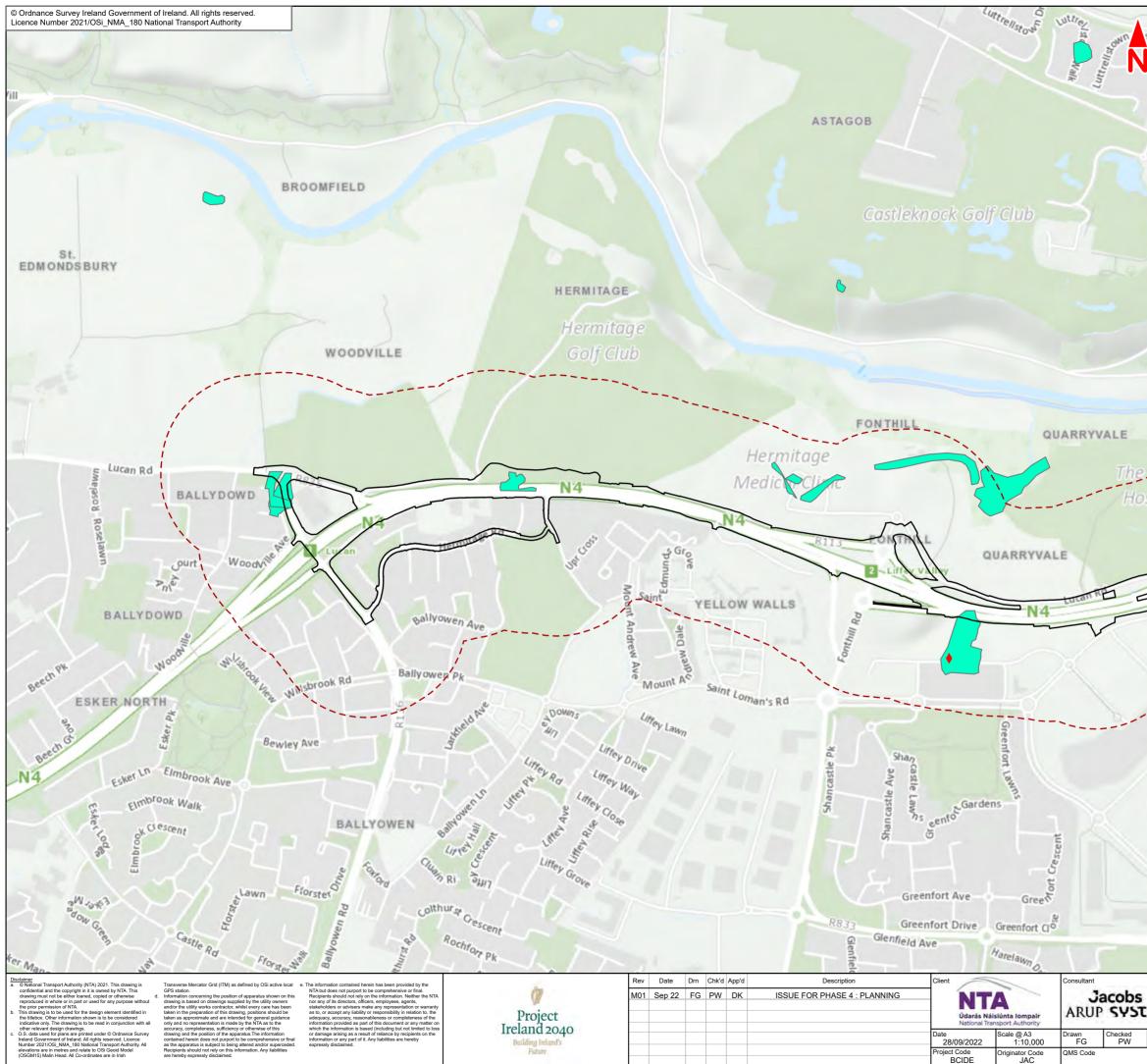
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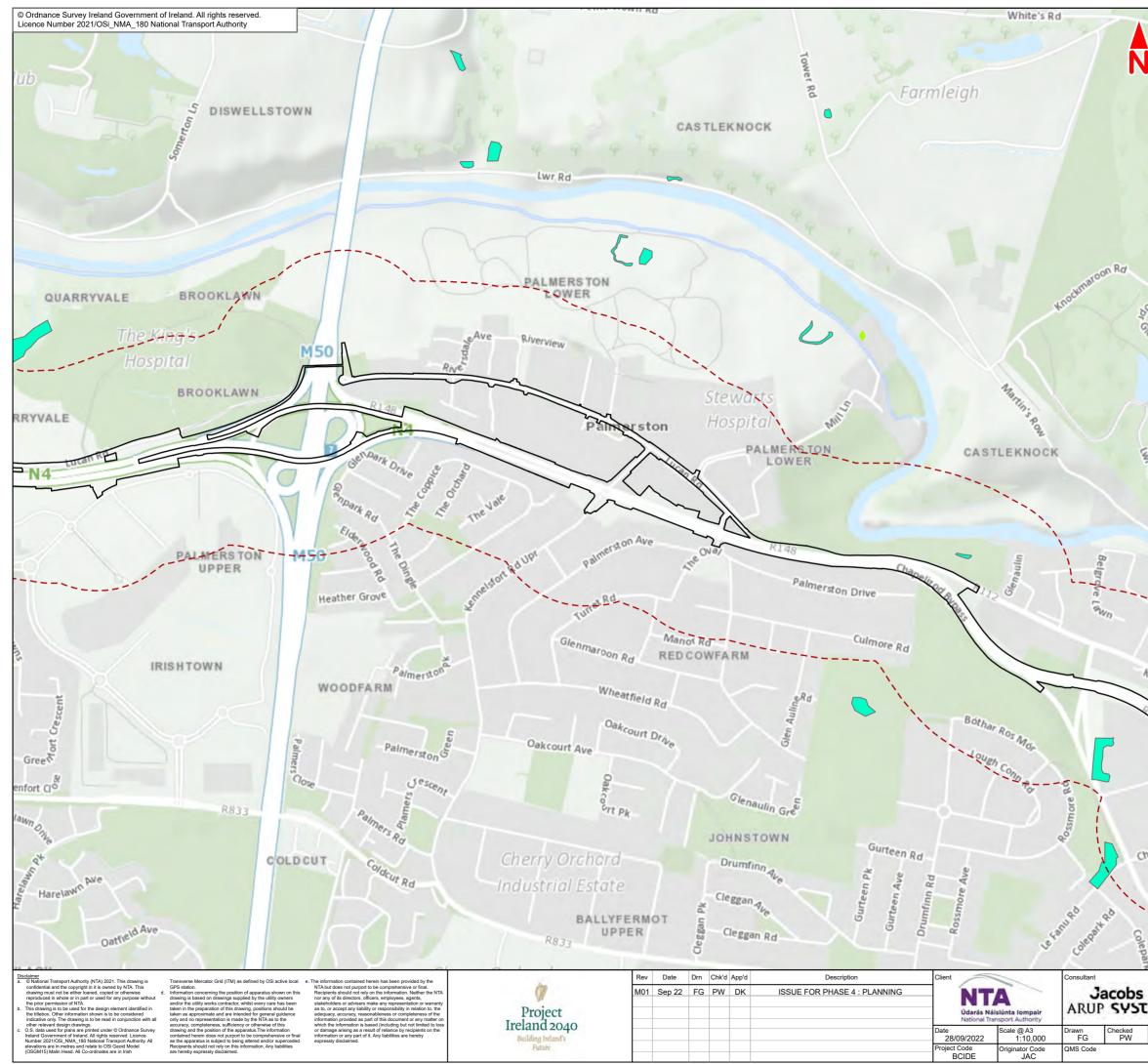
## **14.11** Granular Aggregate Potential





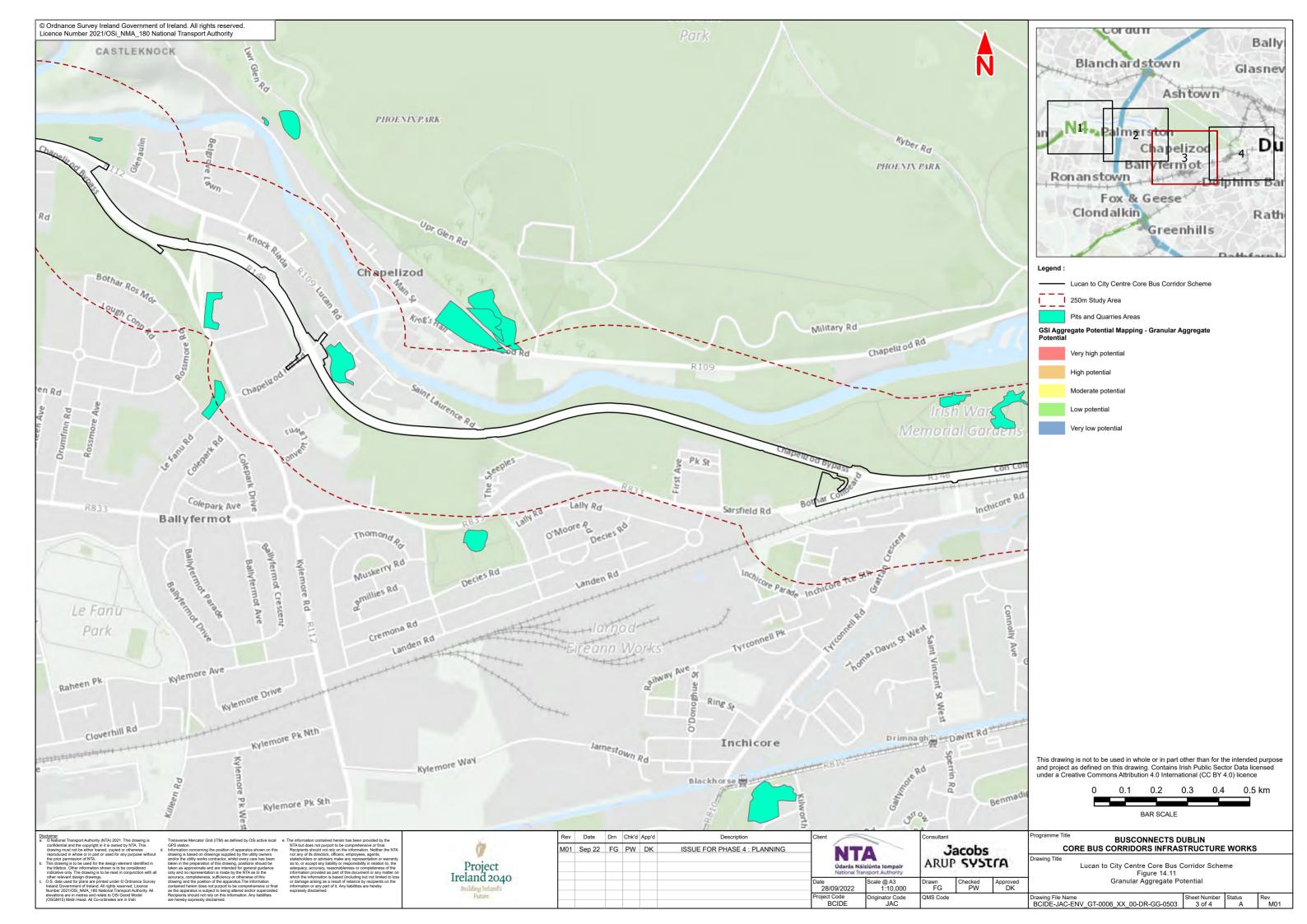


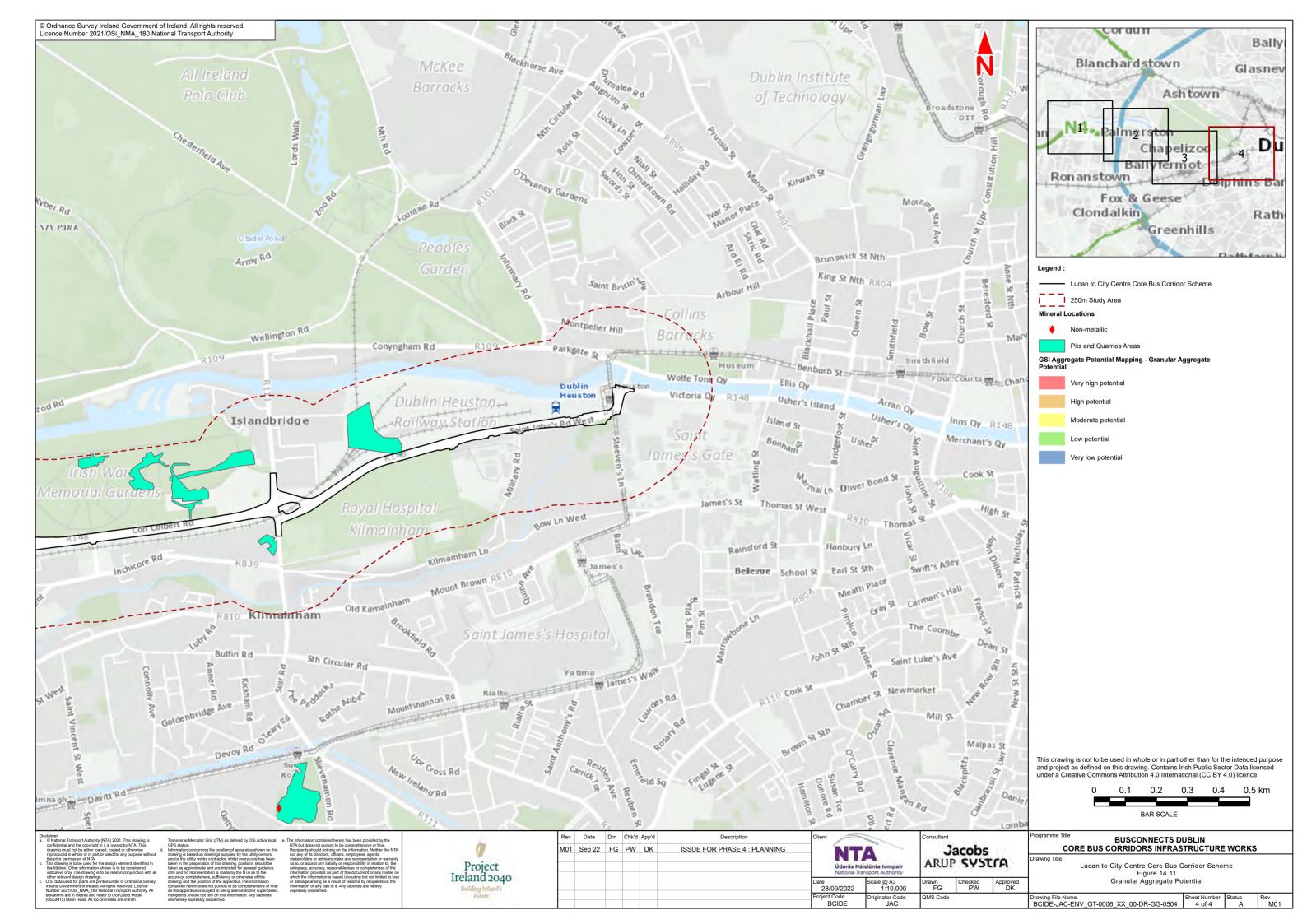
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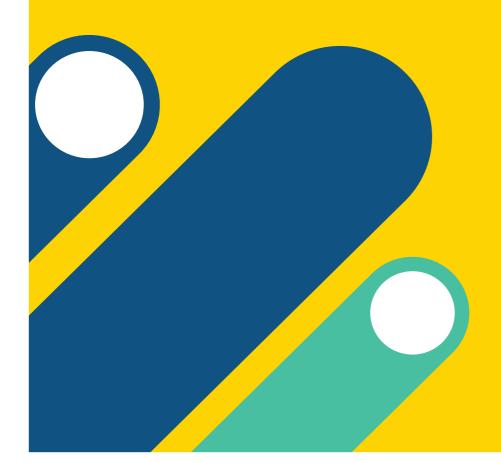
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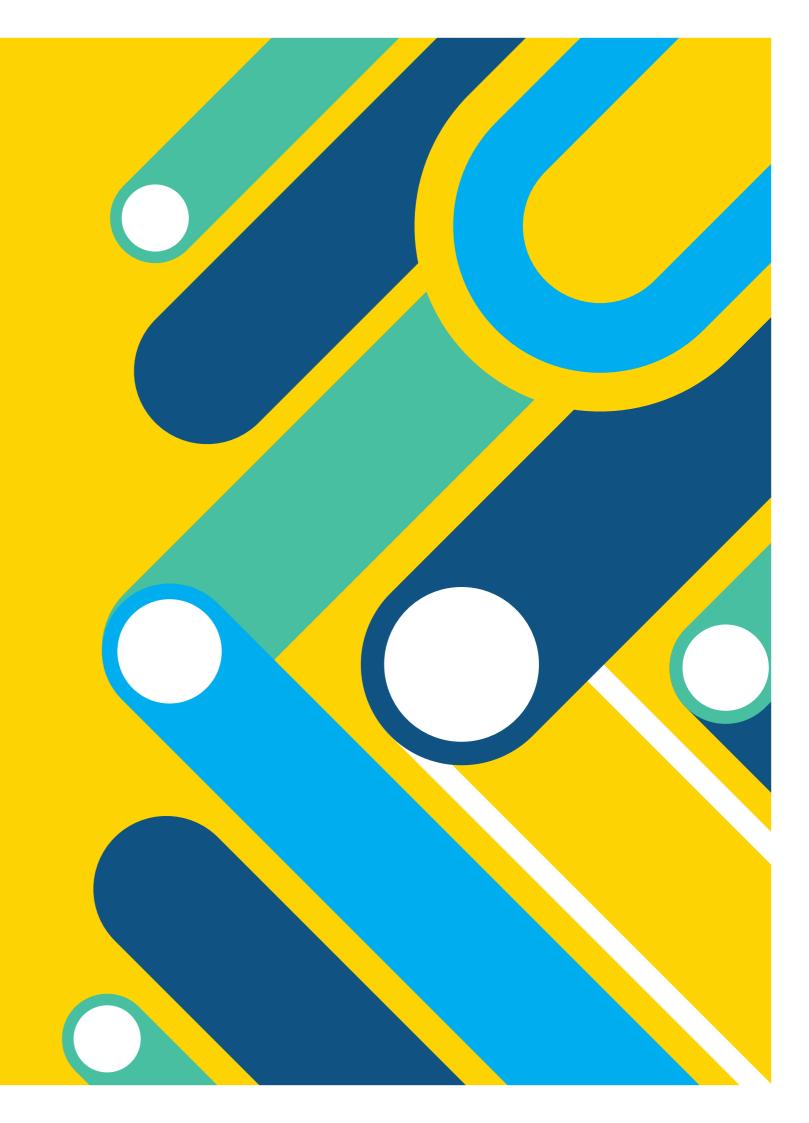
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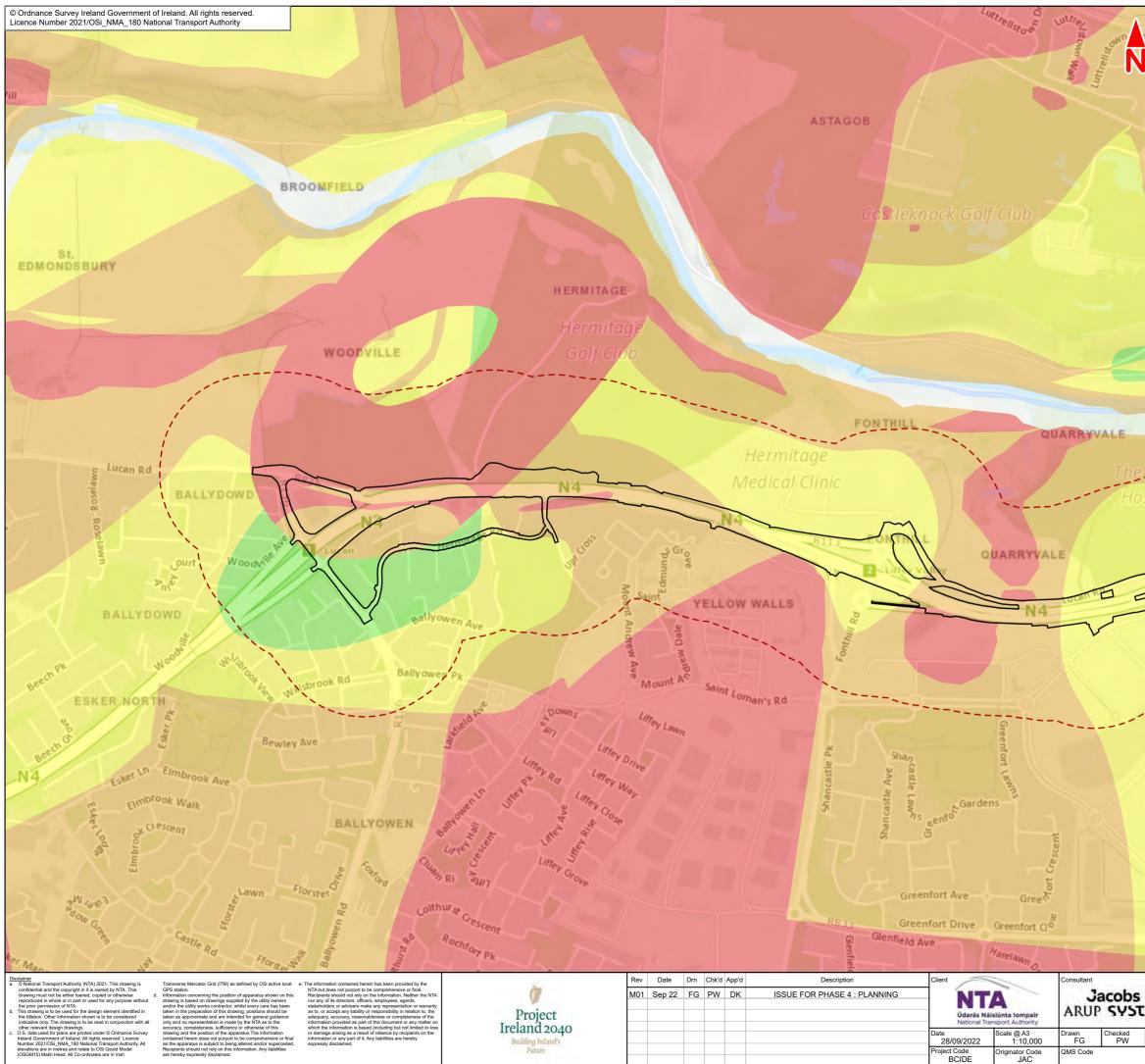




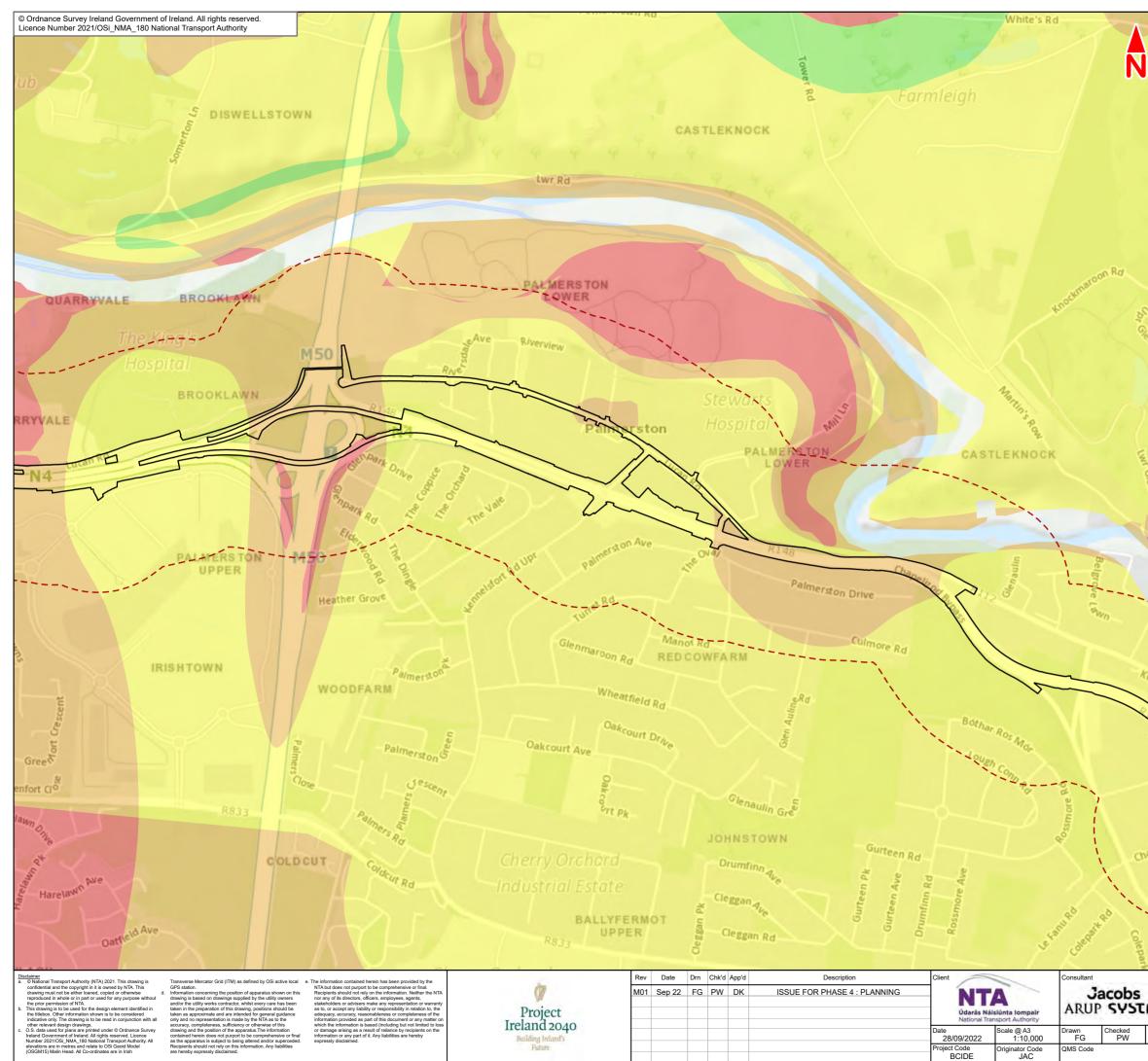
## **14.12** Crushed Rock Aggregate Potential





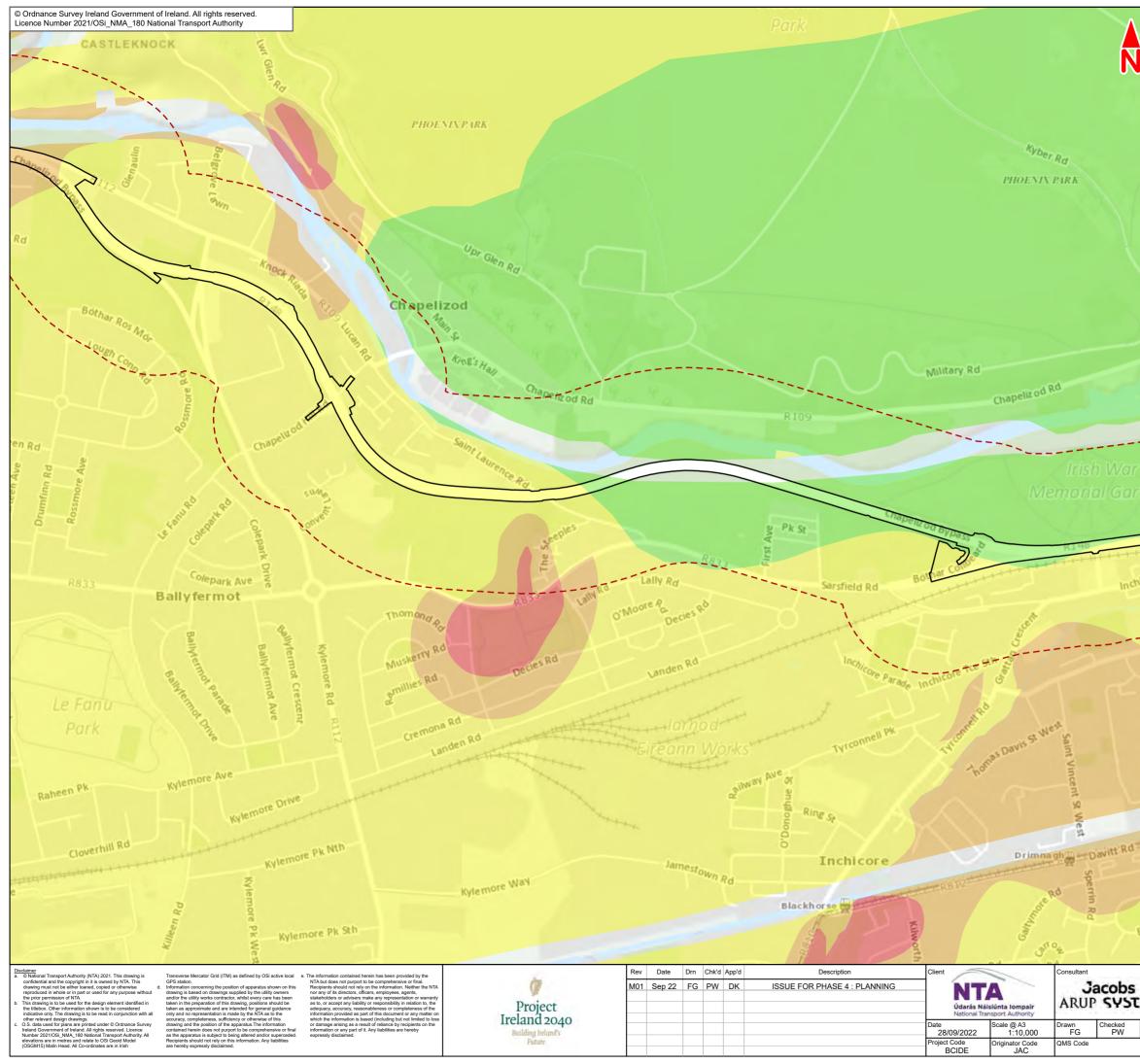


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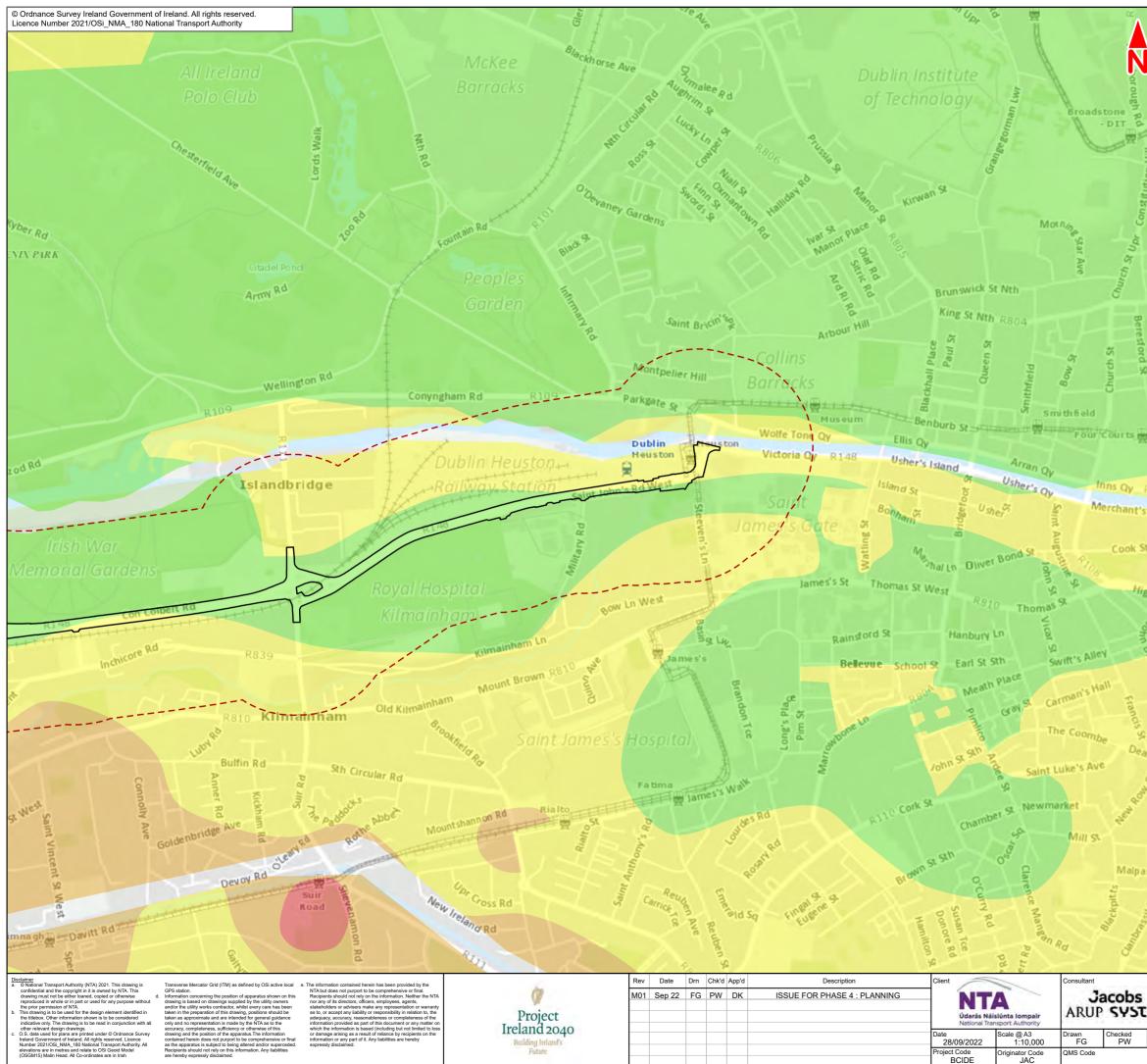


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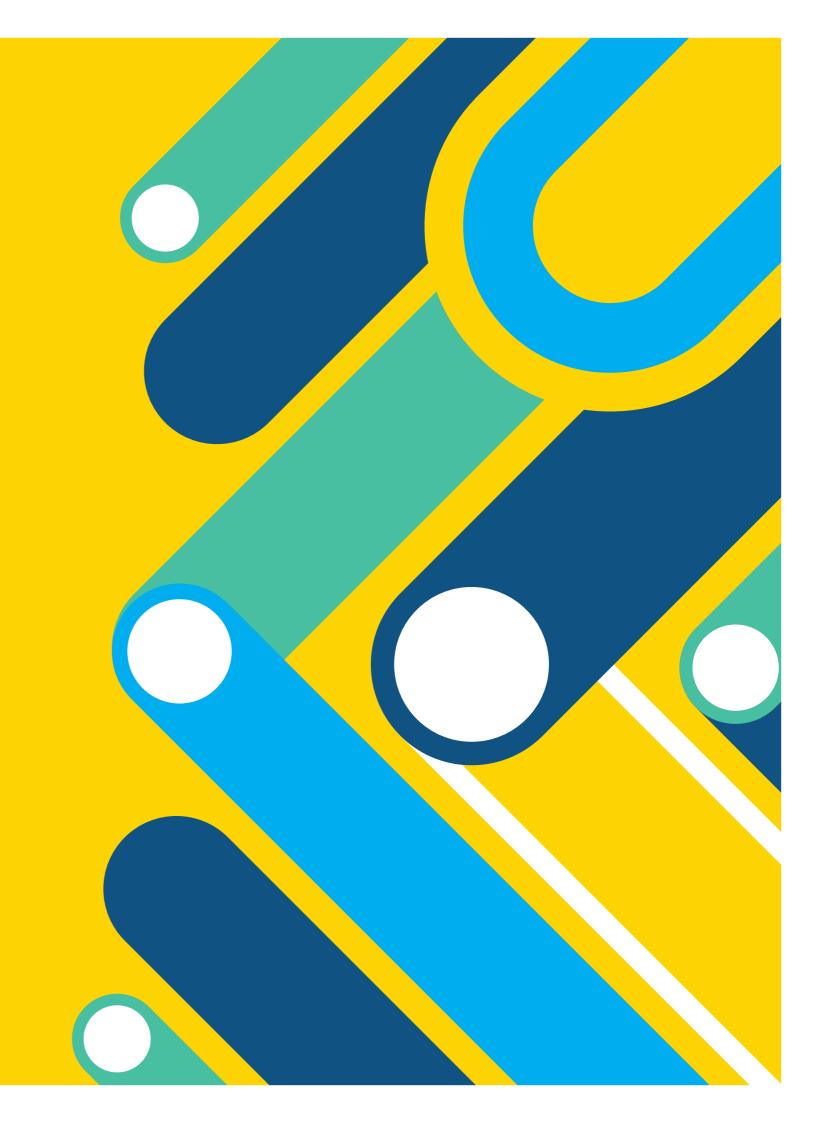
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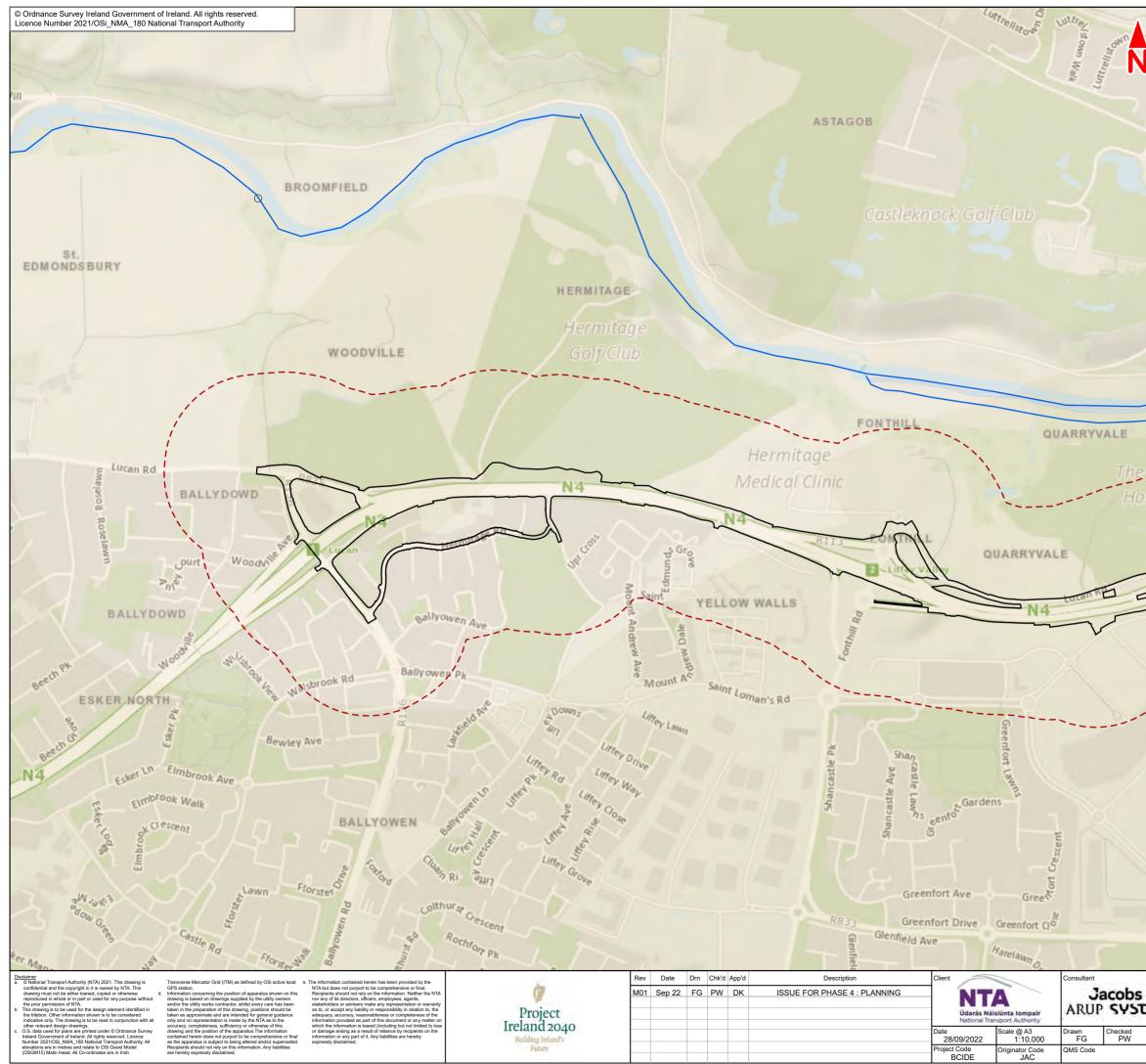


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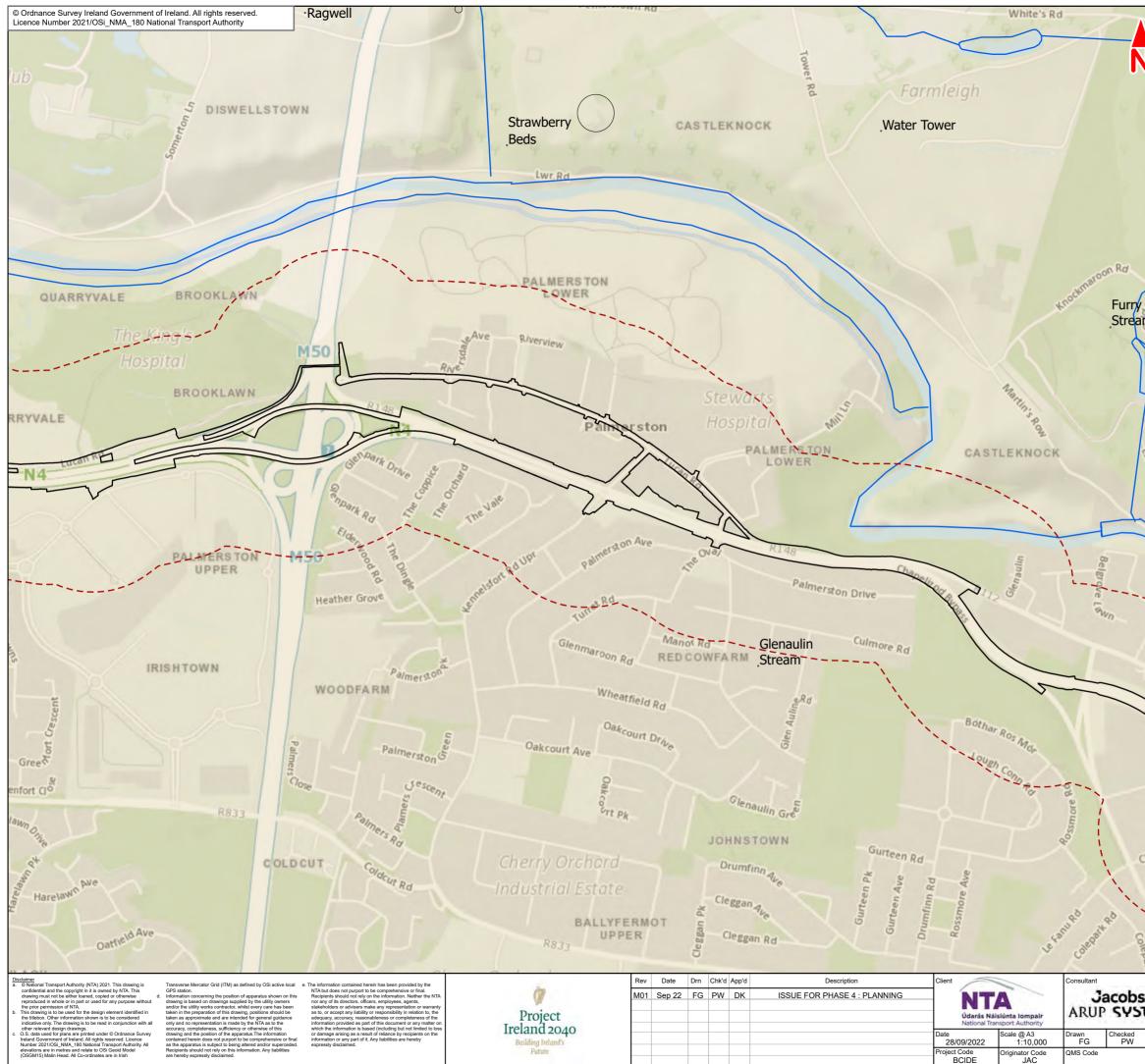
## **14.13** Aquifers



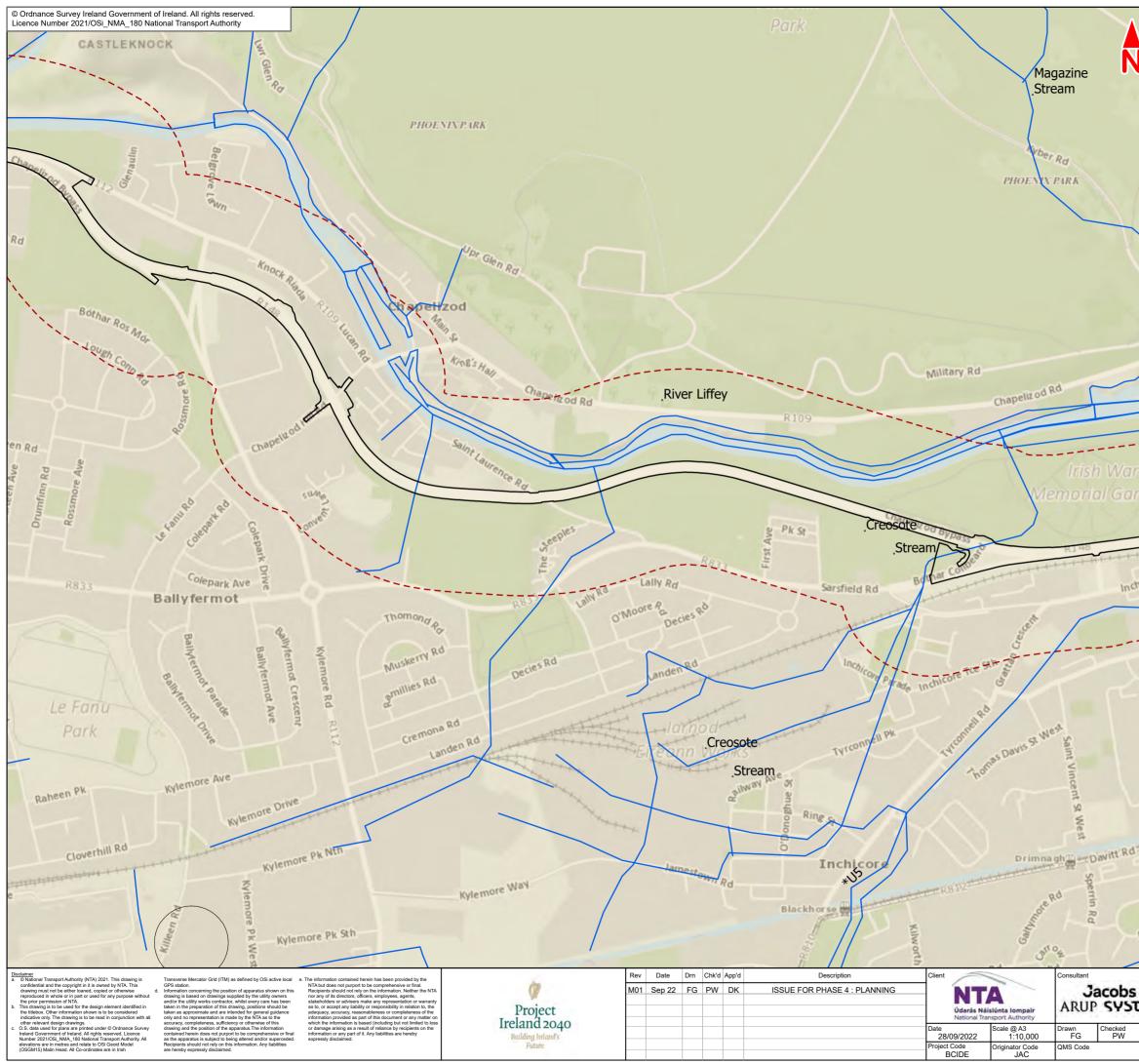




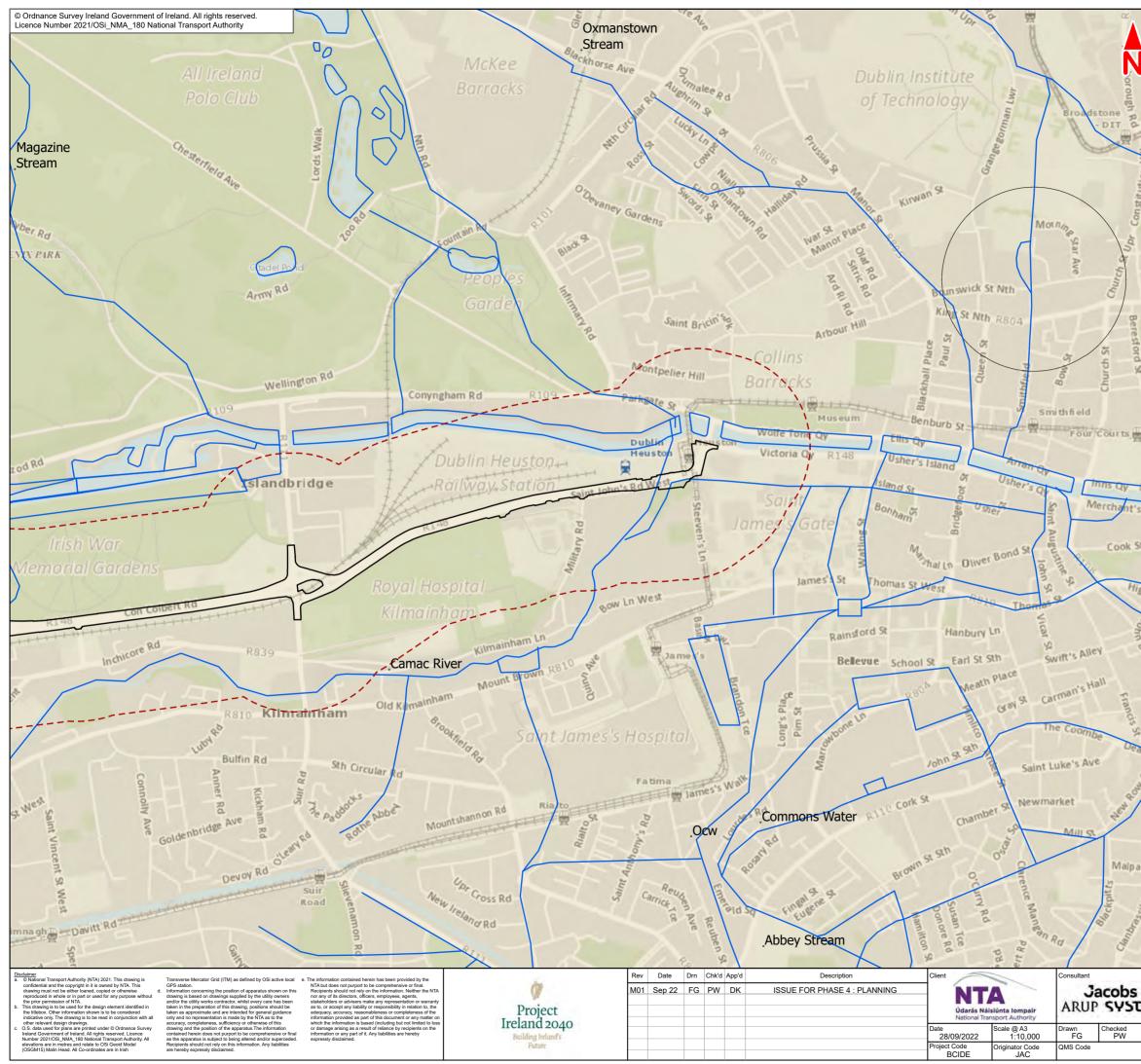
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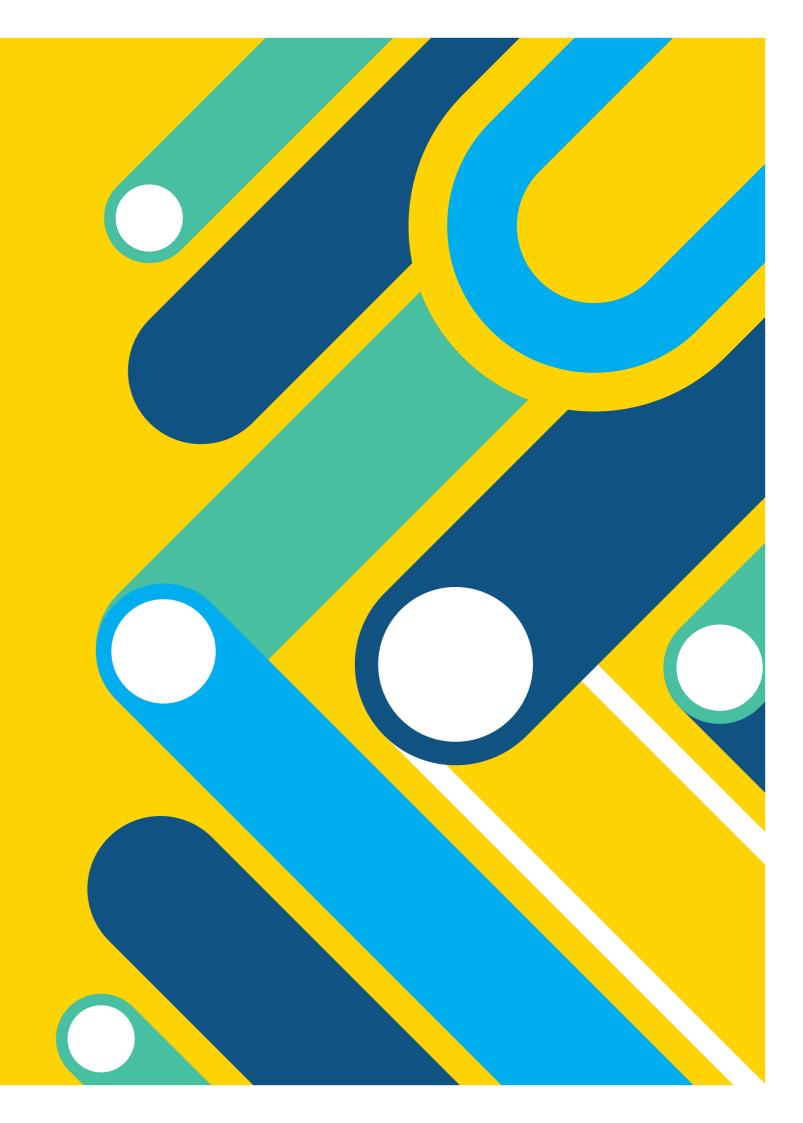
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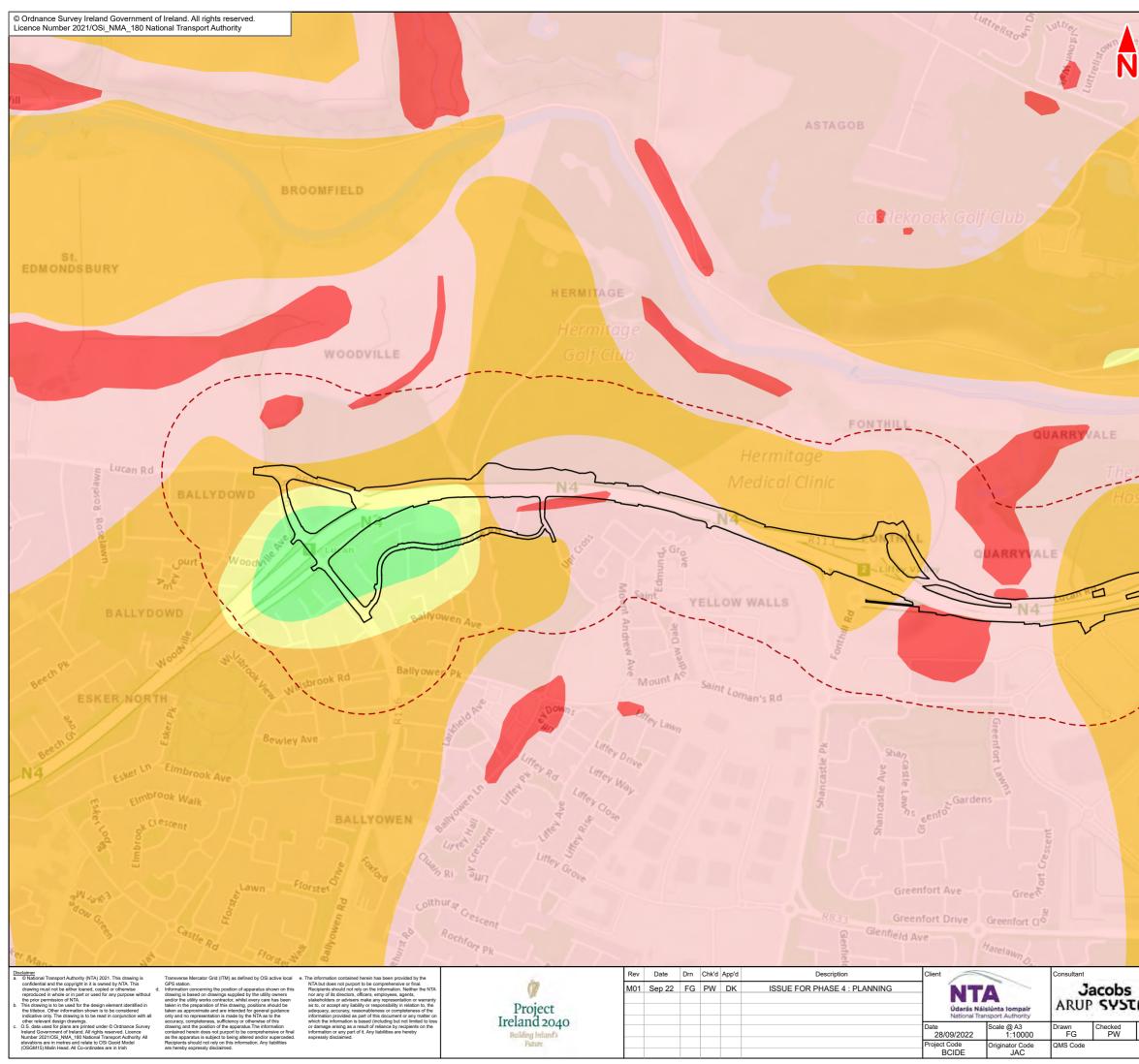


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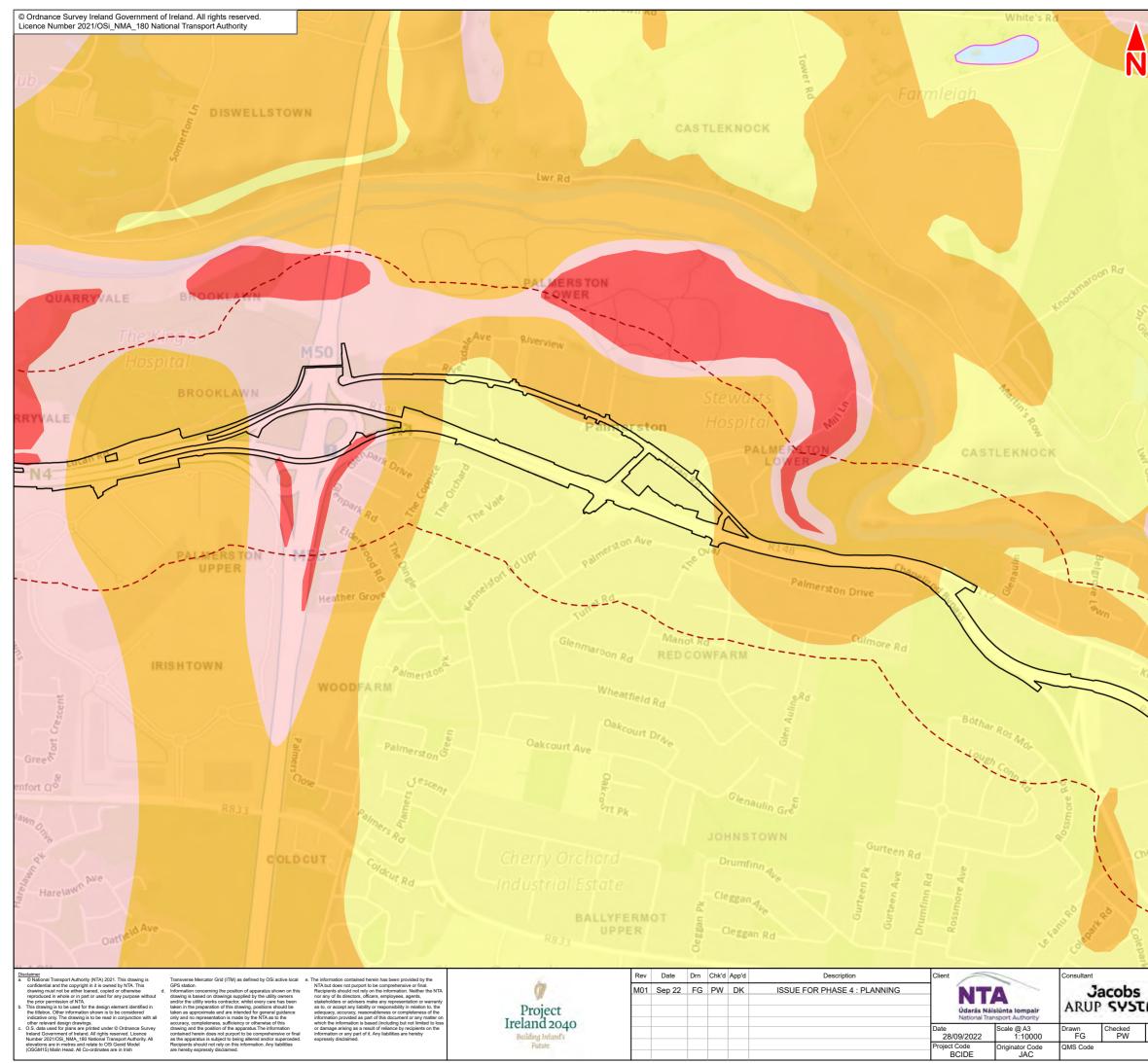
## **14.14** Groundwater Vulnerability





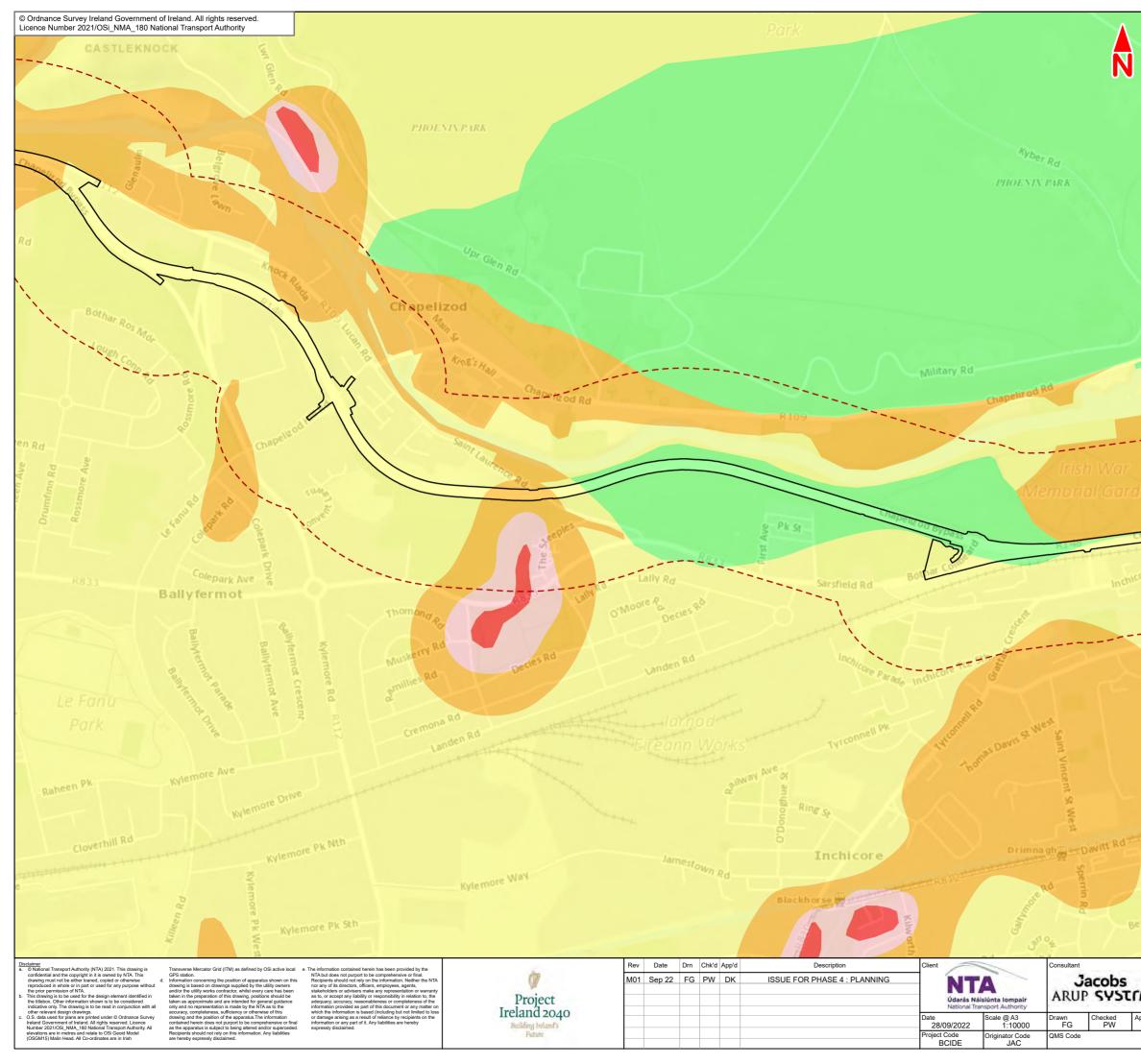


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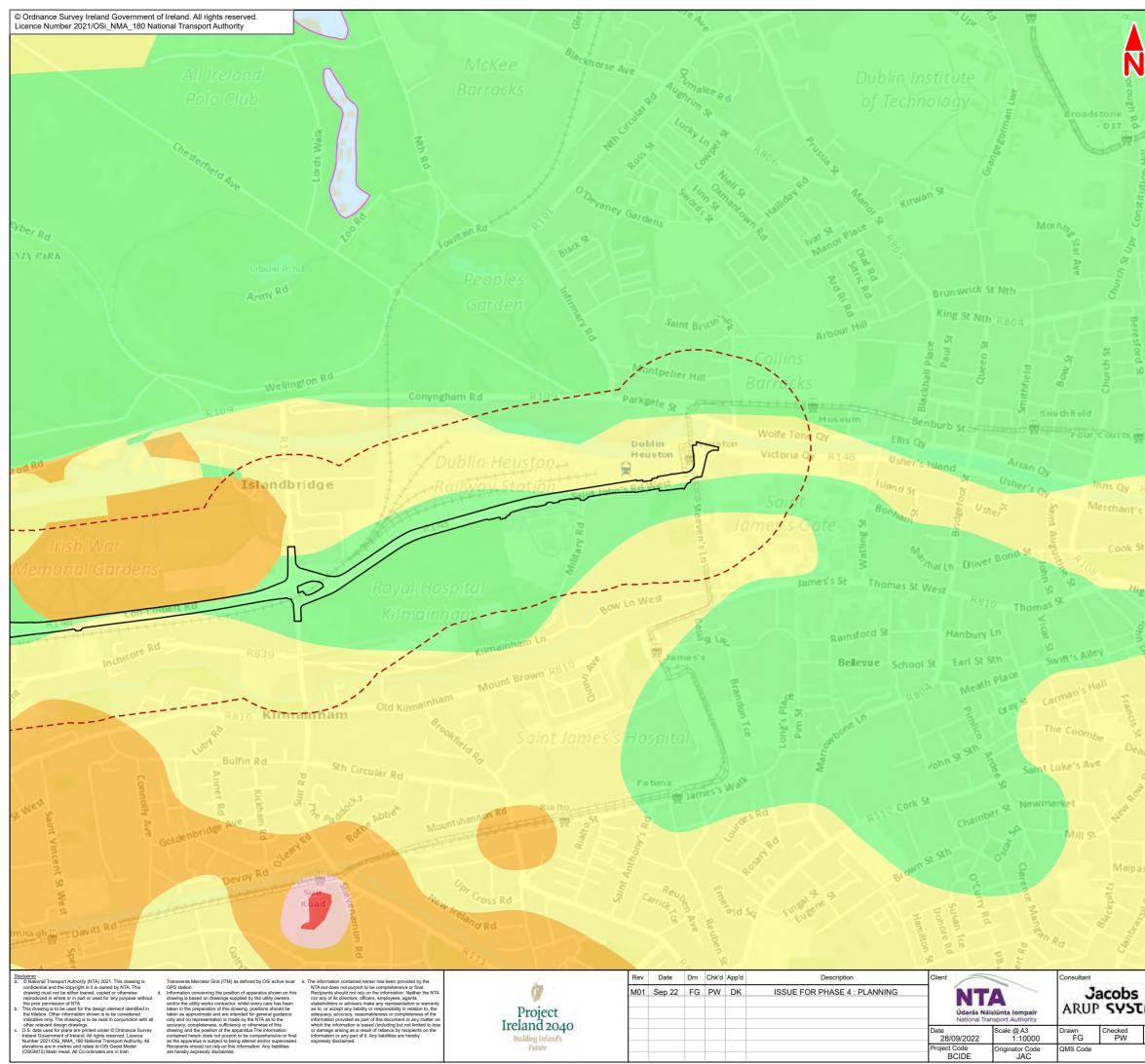
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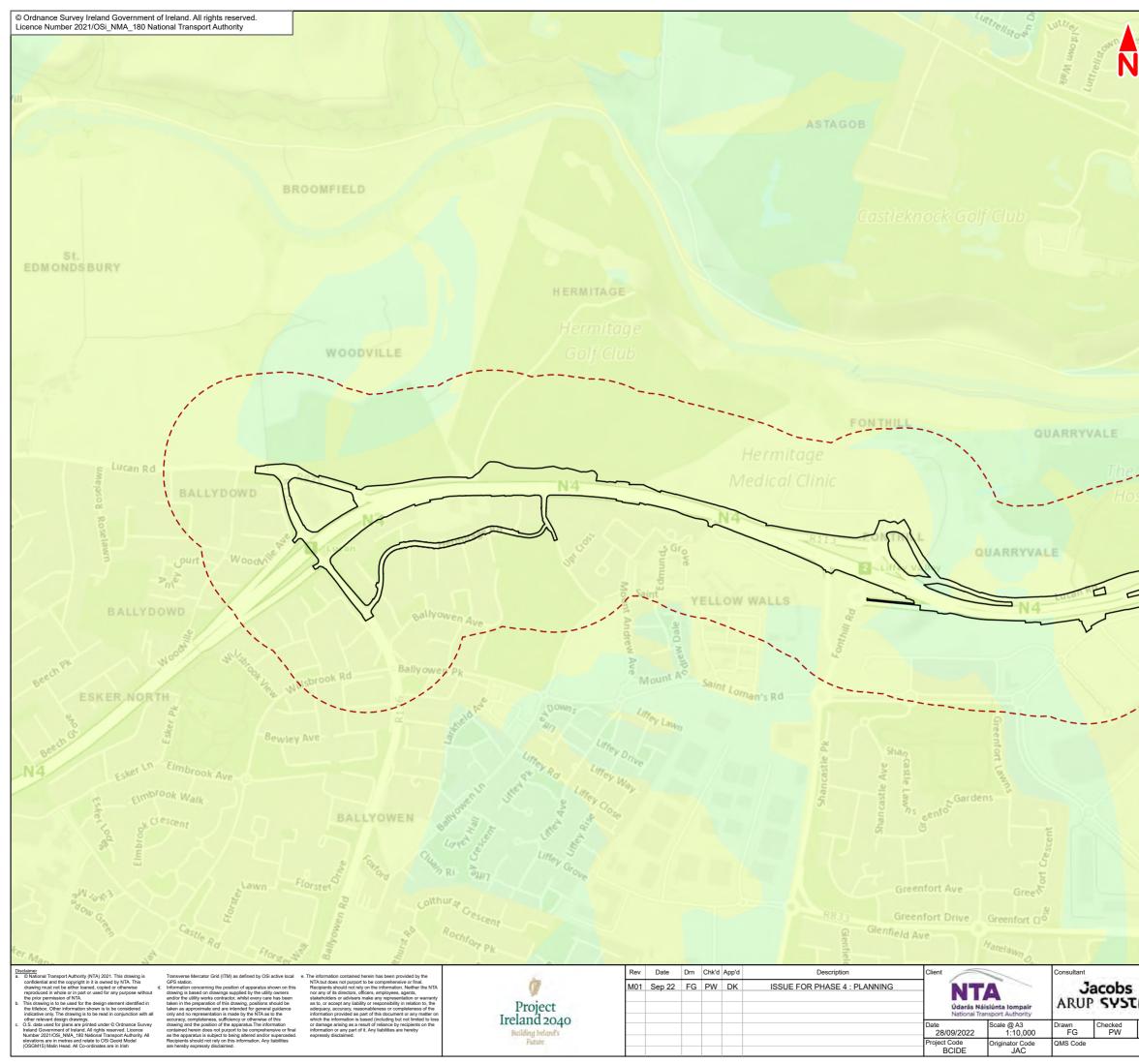


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A	Drawing Title Lucan to City Centre Core Bus Corridor Scheme
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•	Drawing File Name         Sheet Number         Status         Rev           BCIDE-JAC-ENV_GT-0006_XX_00-DR-GG-0804         4 of 4         A         M01

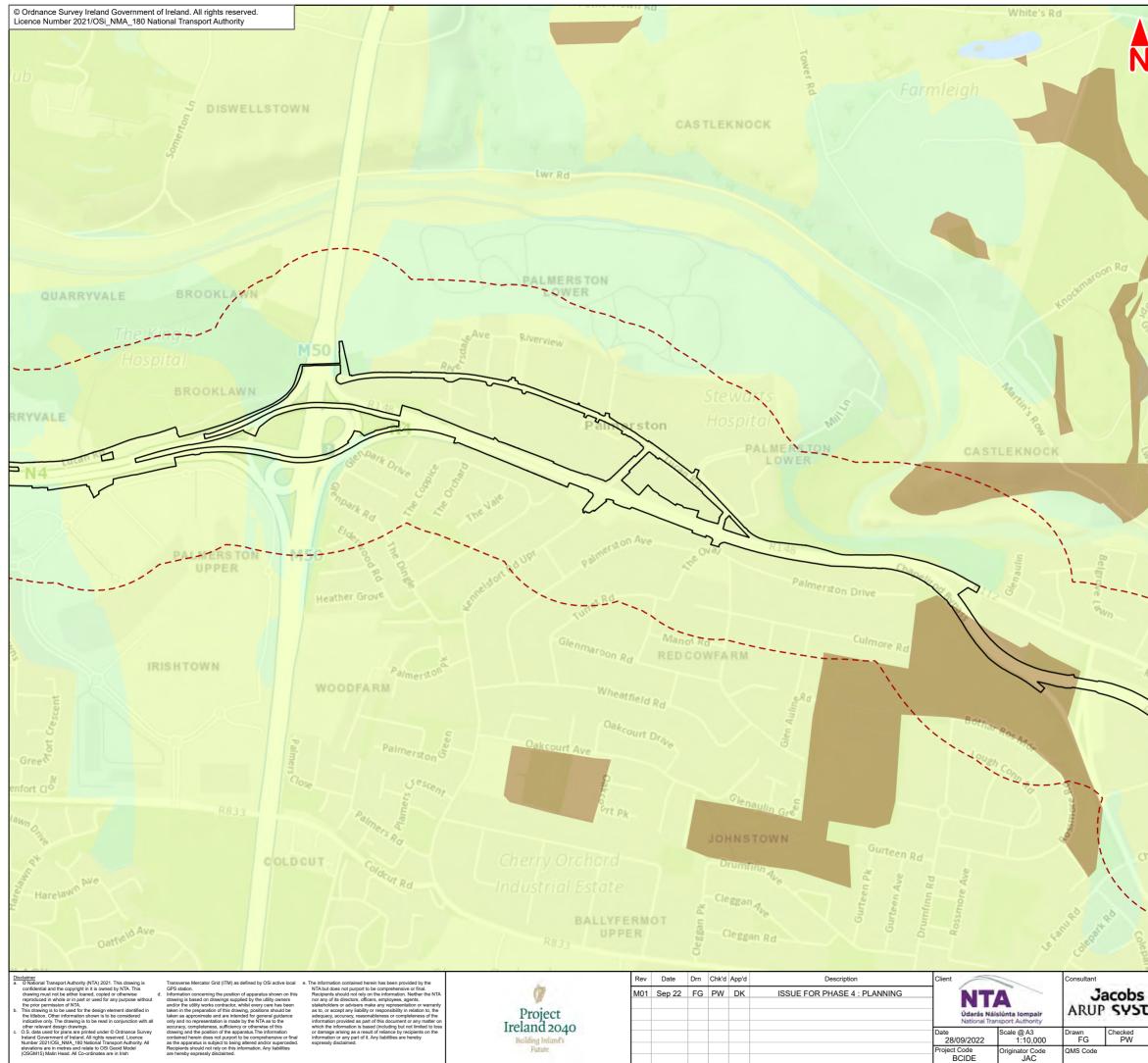
## **14.15** Groundwater Recharge





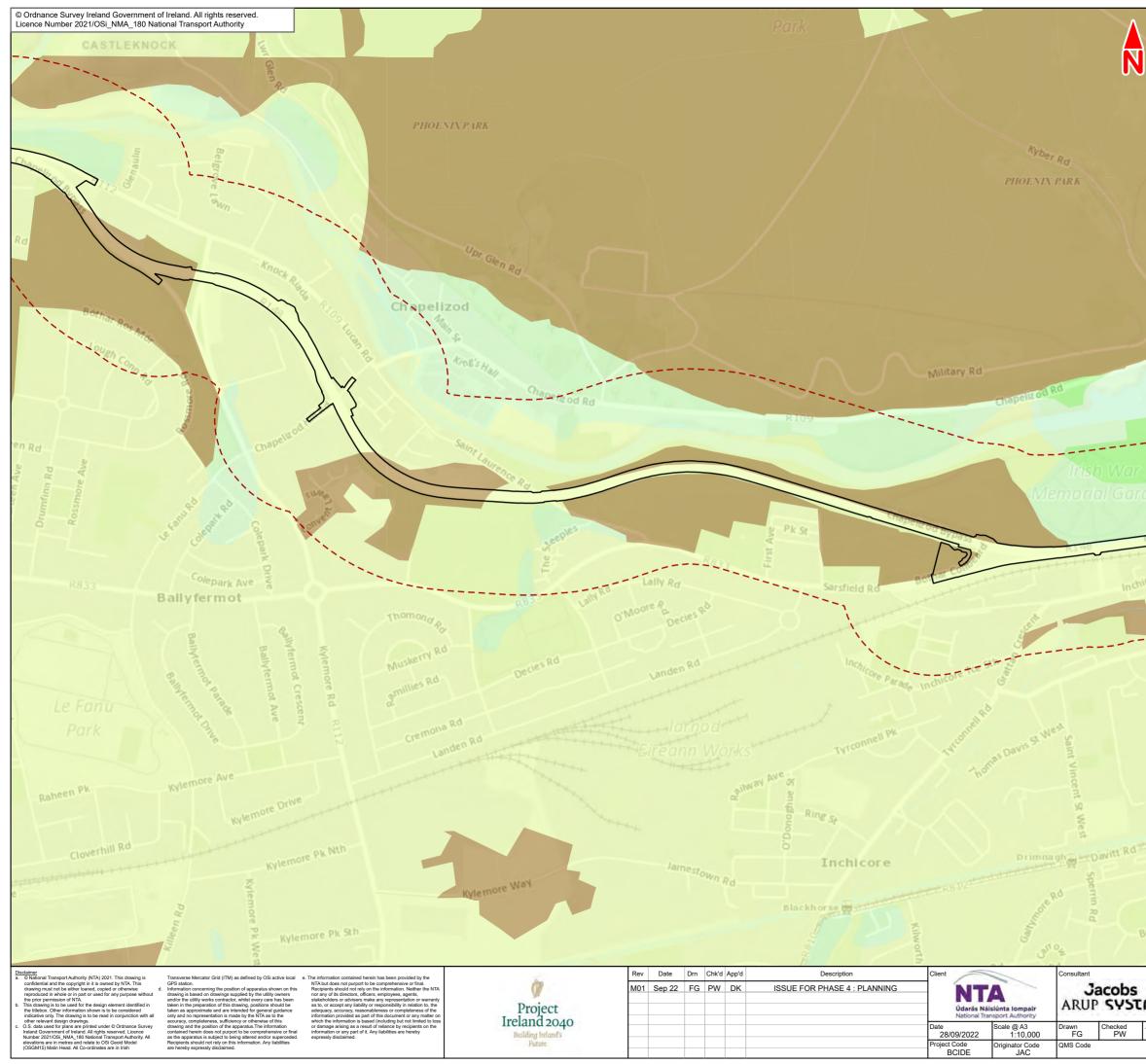


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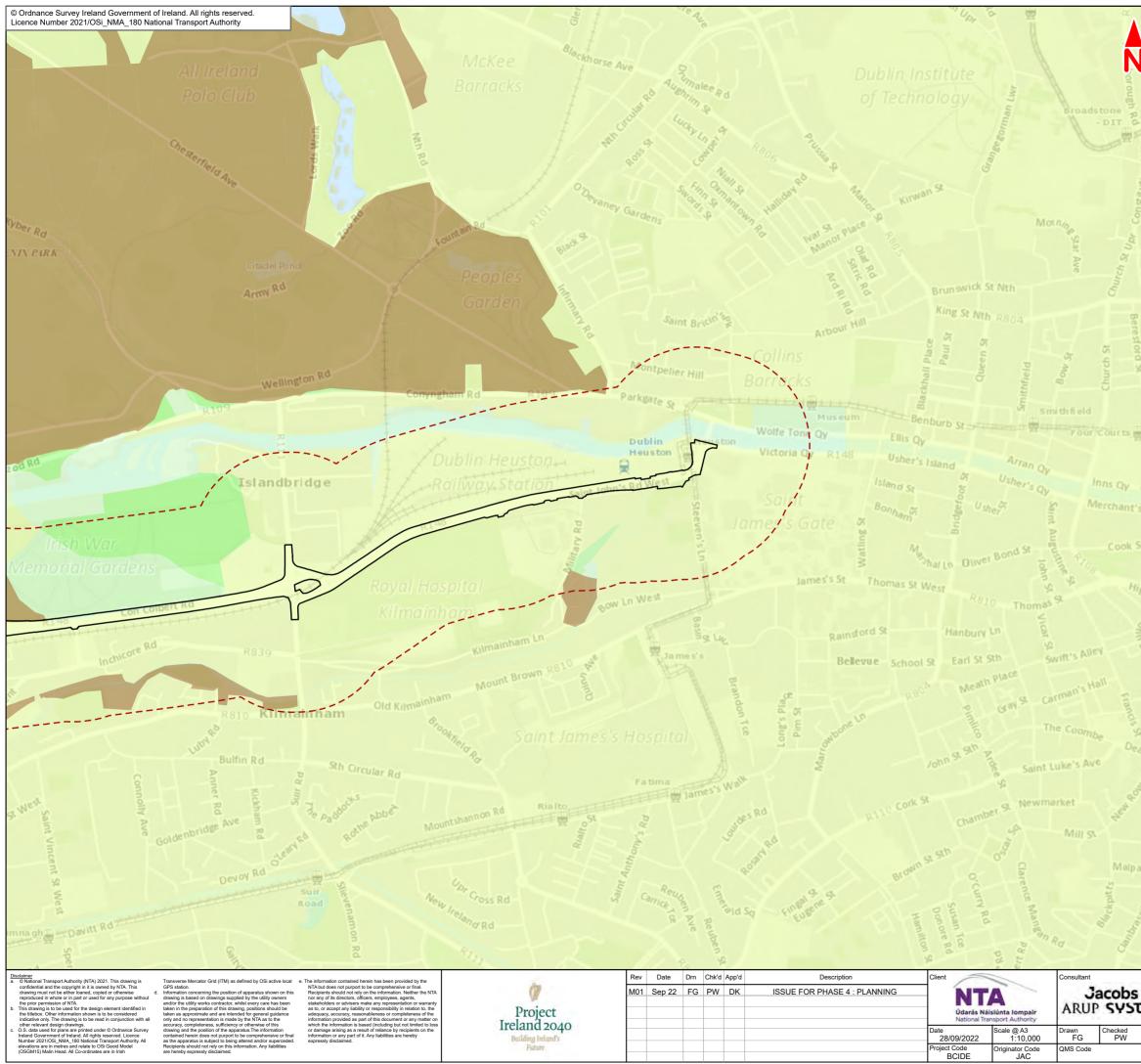


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1.1.	CORE BUS CORRIDORS INFRASTRUCTURE WORKS
ra	Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 14.15
Approved DK	Groundwater Recharge
	Drawing File Name         Sheet Number         Status         Rev           BCIDE-JAC-ENV_GT-0006_XX_00-DR-GG-0903         3 of 4         A         M01



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	Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS
AJT	Drawing Title Lucan to City Centre Core Bus Corridor Scheme
Approved	Figure 14.15 Groundwater Recharge
DK	Drawing File Name Sheet Number Status Rev