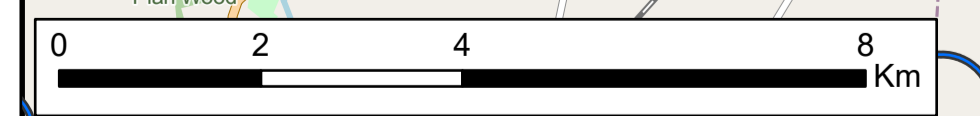


- LEGEND**
- RAILWAY STATIONS
  - DEVELOPMENT BOUNDARY
  - 100M BUFFER
- WELL LOCALITIES (GSI)**
- TO WITHIN 10M LOCATION ACCURACY
  - TO WITHIN 100M LOCATION ACCURACY (50M BUFFER)
  - TO WITHIN 200M LOCATION ACCURACY (100M BUFFER)
  - TO WITHIN 500M LOCATION ACCURACY (250M BUFFER)
  - TO WITHIN 1KM LOCATION ACCURACY (500M BUFFER)



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Rev	Date	Dn	Ch'd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

Client: **Irish Rail**

Engineering Designer: **ARUP**

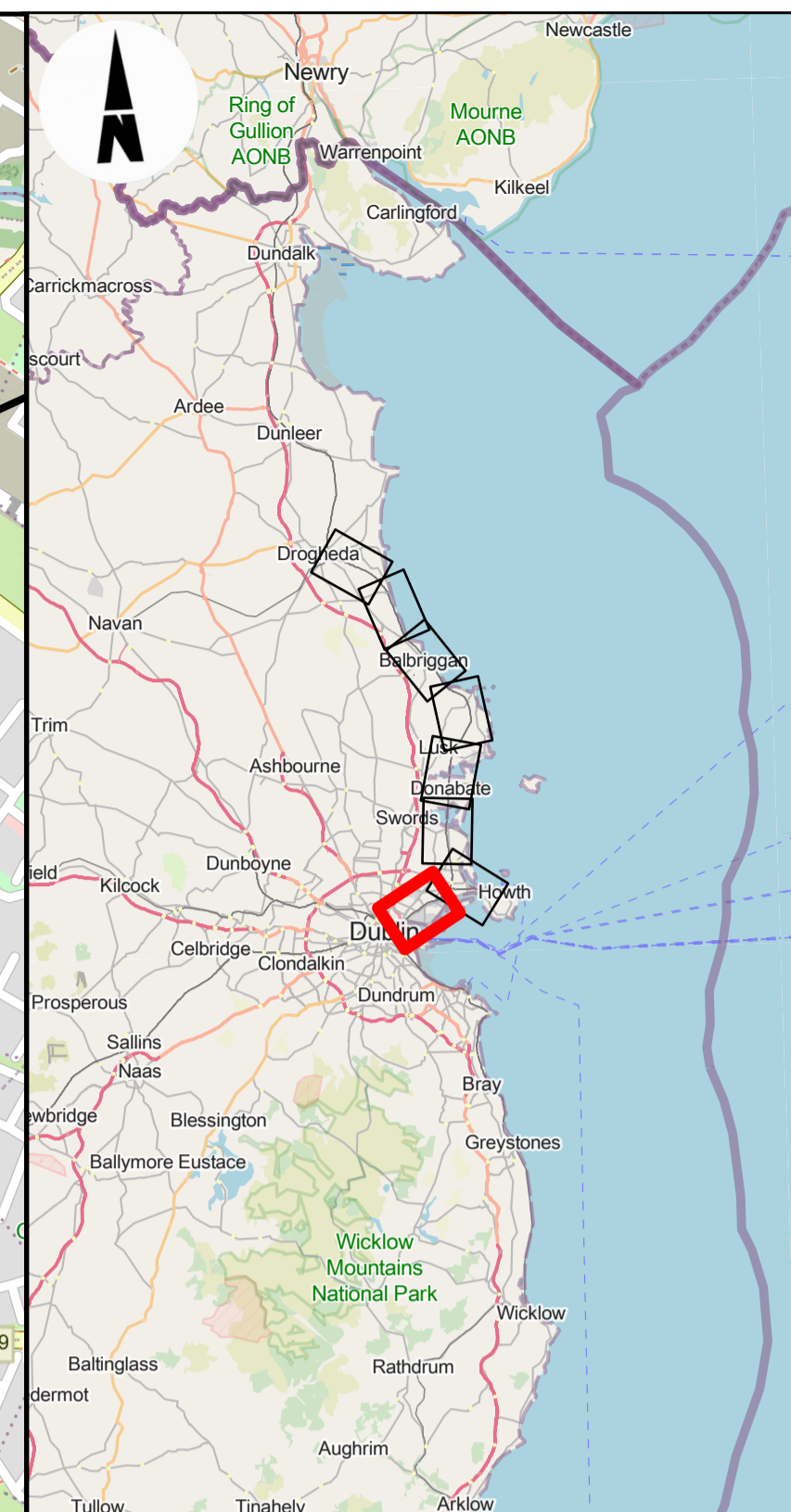
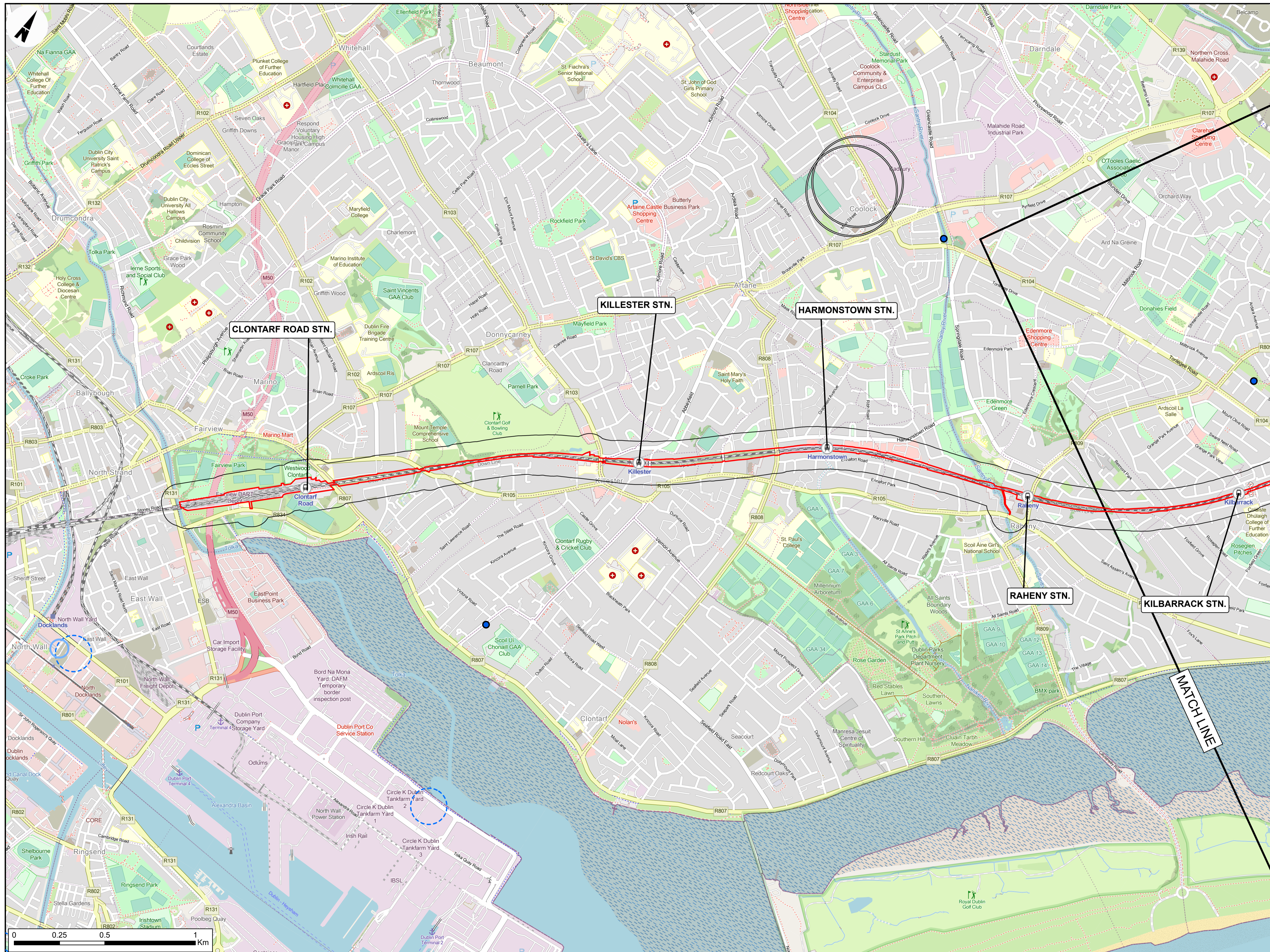
Date: 07/09/2023 | Scale: 1:75000 @ A1 | 1:150000 @ A3

Project Code: D+WP56 | Originator Code: ARP

Drawn: DM | Checked: MF | Approved: GS

QMS Code: 279933-00

Project Title: <b>DART+ COASTAL NORTH</b>	
Drawing Title: <b>HYDROGEOLOGY FIGURE 11.7: GROUNDWATER RESOURCES OVERVIEW</b>	
Drawing File Name: <b>D+WP56-ARP-ZZ-NL-DR-EVGT-100121</b>	Sheet Number: <b>1 of 9</b>
Status: <b>S4</b>	Rev: <b>P02</b>



- LEGEND**
- RAILWAY STATIONS
  - DEVELOPMENT BOUNDARY
  - 100M BUFFER
  - WELL LOCALITIES (GSI)**
  - TO WITHIN 10M LOCATION ACCURACY
  - TO WITHIN 100M LOCATION ACCURACY (50M BUFFER)
  - TO WITHIN 200M LOCATION ACCURACY (100M BUFFER)
  - TO WITHIN 500M LOCATION ACCURACY (250M BUFFER)

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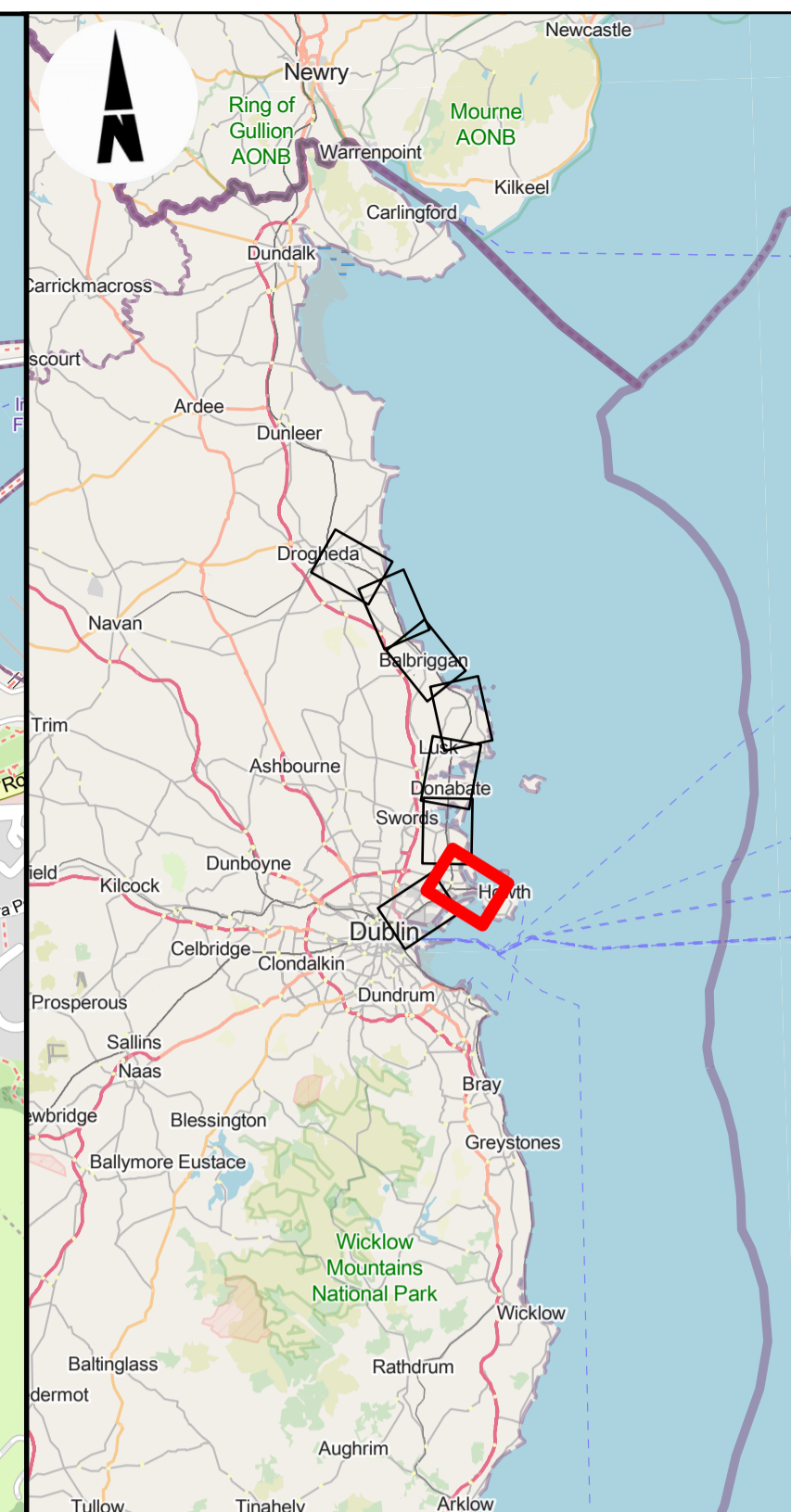
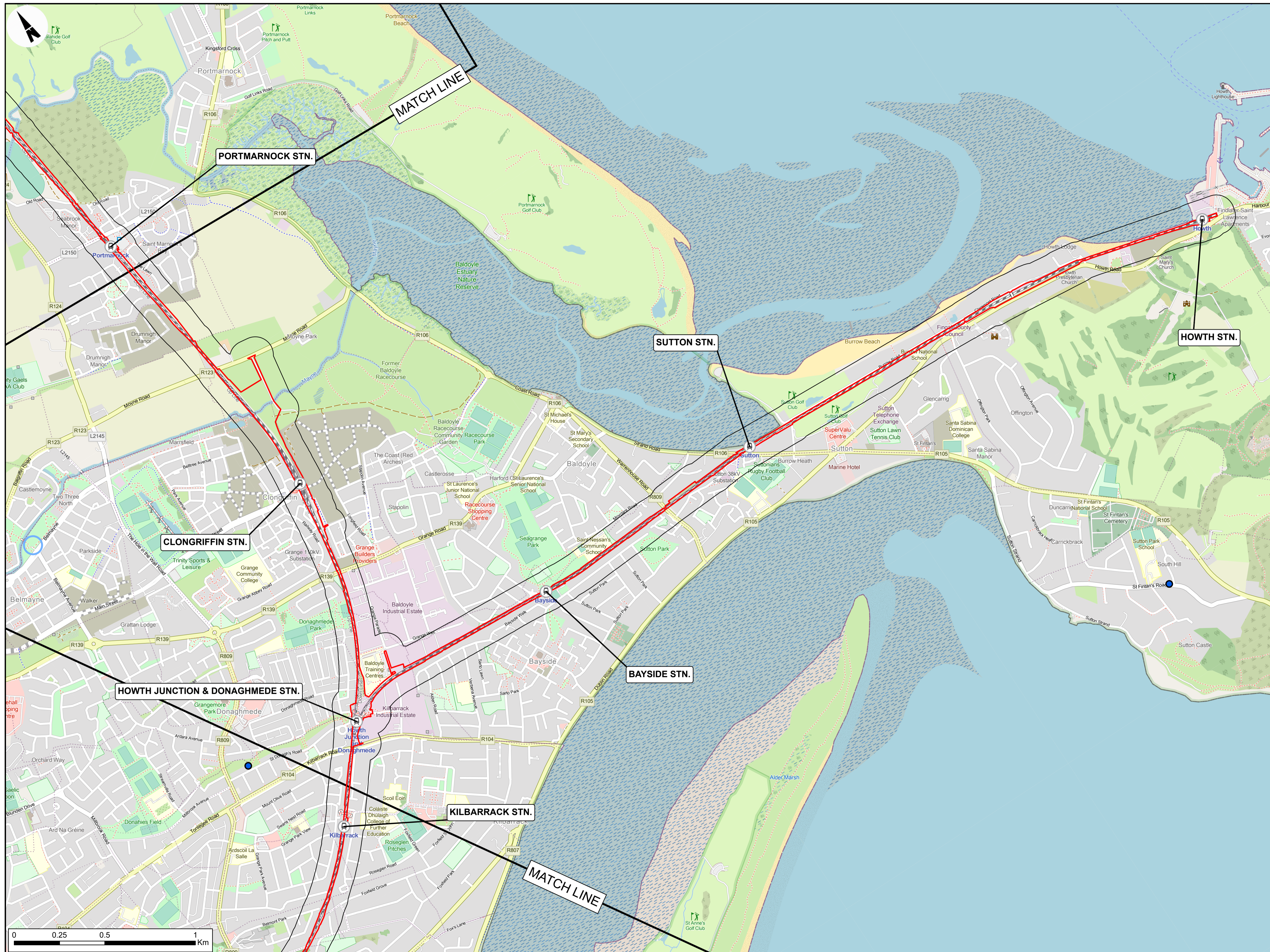
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Rev	Date	Dn	Chkd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

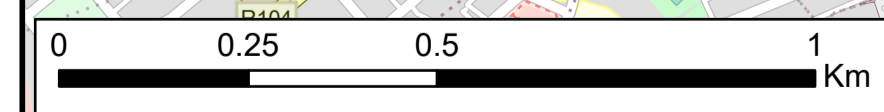
Client		Engineering Designer	
Iarnród Éireann Irish Rail		ARUP	
Date	Scale	Drawn	Checked
07/09/2023	1:10000 @ A1 1:20000 @ A3	DM	MF
Project Code	Originator Code	OMS Code	Approved
D+WP56	ARP	279933-00	GS

Project Title		Drawing Title	
DART+ COASTAL NORTH		HYDROGEOLOGY FIGURE 11.7: GROUNDWATER RESOURCES	
Drawing File Name		Sheet Number	Status
D+WP56-ARP-ZZ-NL-DR-EVGT-100122		2 of 9	S4
Rev			
P02			

Drawing File Name		Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVGT-100122		2 of 9	S4	P02



- LEGEND**
- RAILWAY STATIONS
  - DEVELOPMENT BOUNDARY
  - 100M BUFFER
  - WELL LOCALITIES (GSI)**
  - TO WITHIN 10M LOCATION ACCURACY
  - TO WITHIN 100M LOCATION ACCURACY (50M BUFFER)



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Rev	Date	Dn	Ch'd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

Client: **Irish Rail**

Engineering Designer: **ARUP**

Date: 07/09/2023 Scale: 1:10000 @ A1 1:20000 @ A3

Project Code: D+WP56 Originator Code: ARP

QMS Code: 279933-00

Drawn: DM Checked: MF Approved: GS

Project Title: **DART+ COASTAL NORTH**

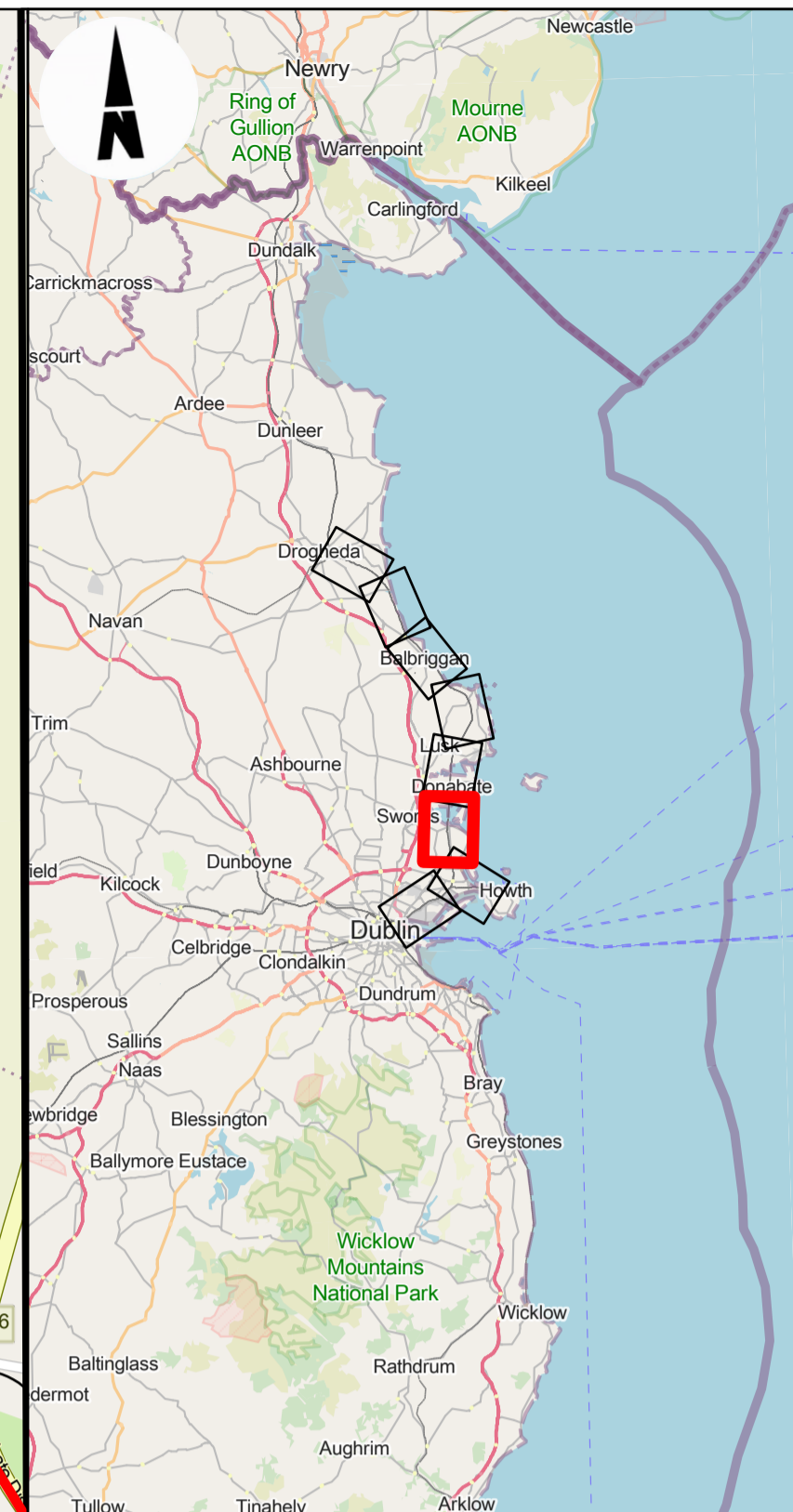
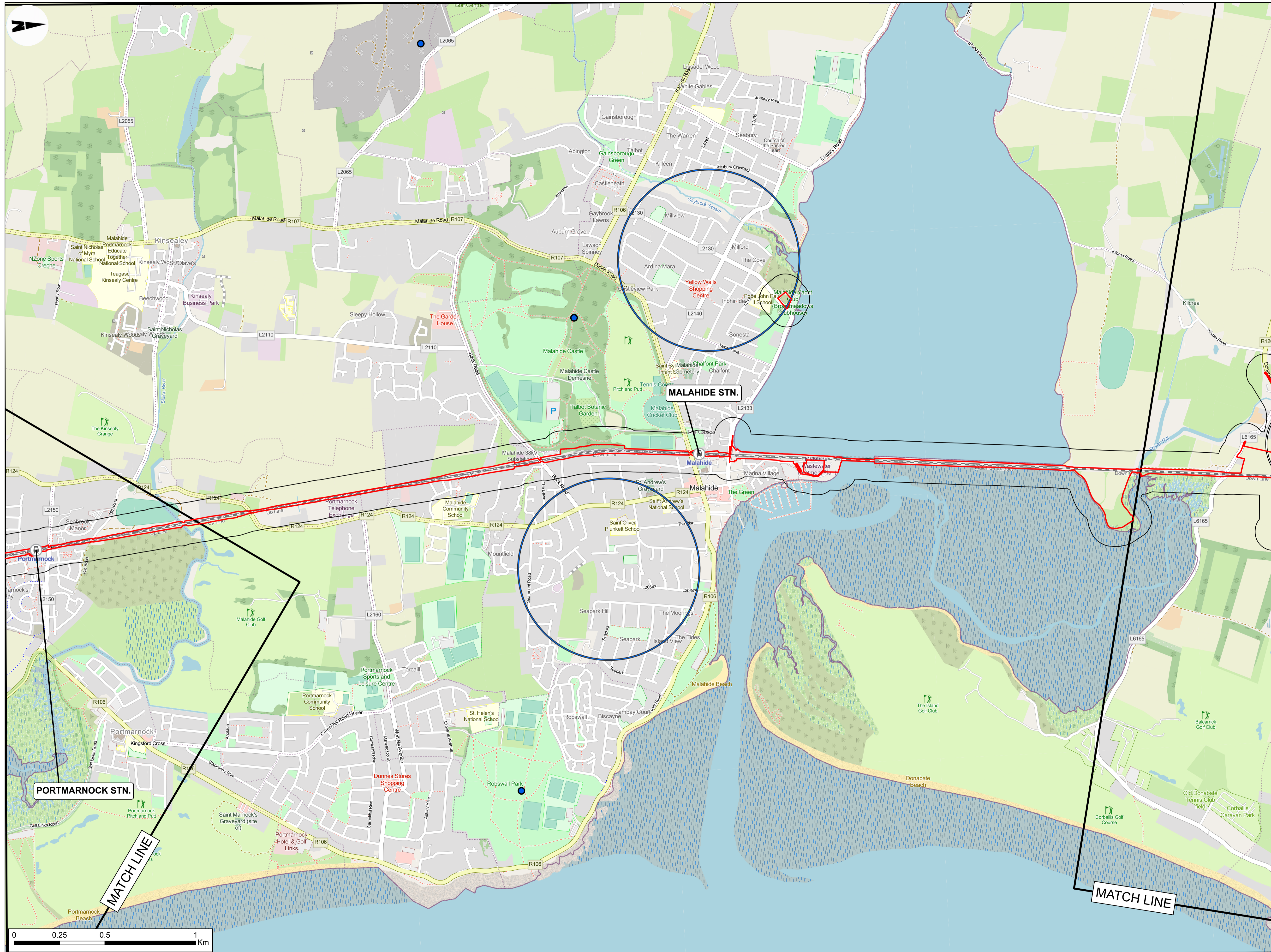
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FIGURE 11.7: GROUNDWATER RESOURCES**

Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EVGT-100123

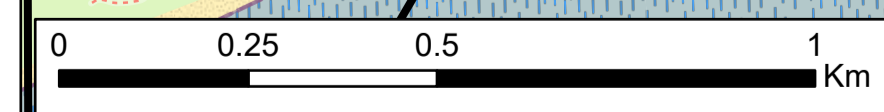
Sheet Number: 3 of 9

Status: S4

Rev: P02



- LEGEND**
- RAILWAY STATIONS
  - DEVELOPMENT BOUNDARY
  - 100M BUFFER
  - WELL LOCALITIES (GSI)**
  - TO WITHIN 10M LOCATION ACCURACY
  - TO WITHIN 500M LOCATION ACCURACY (250M BUFFER)
  - TO WITHIN 1KM LOCATION ACCURACY (500M BUFFER)



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**DART+ Coastal North**

**NTA**  
 Údarás Náisiúnta Iompartha  
 National Transport Authority

**Tionscail Éireann**  
 Project Ireland  
**2040**

Rev	Date	Dn	Chkd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

Client: **larnród Éireann Irish Rail**

Engineering Designer: **ARUP**

Date: 07/09/2023 Scale: 1:10000 @ A1 1:20000 @ A3

Project Code: D+WP56 Originator Code: ARP

QMS Code: 279933-00

Drawn: DM Checked: MF Approved: GS

Project Title: **DART+ COASTAL NORTH**

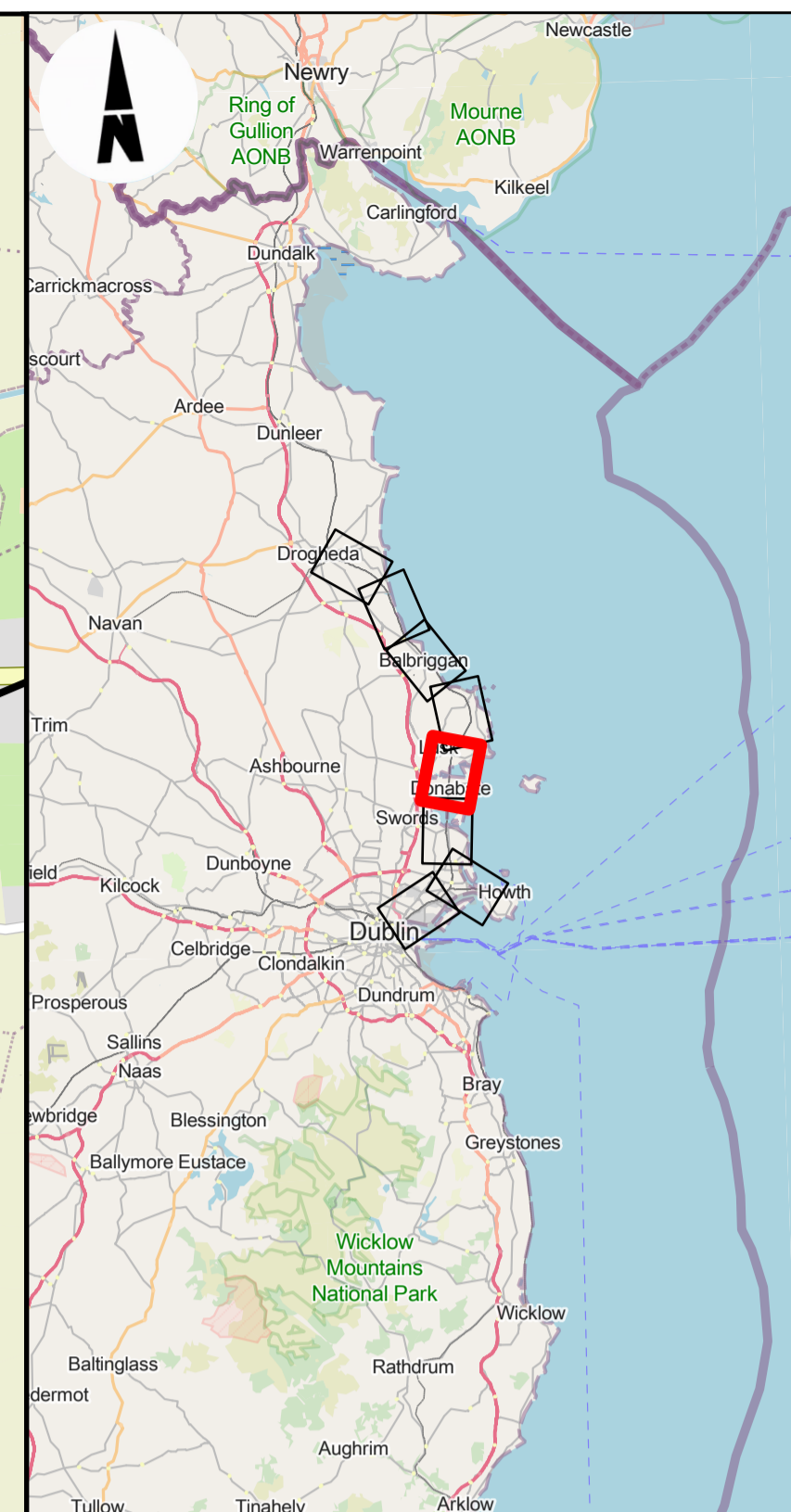
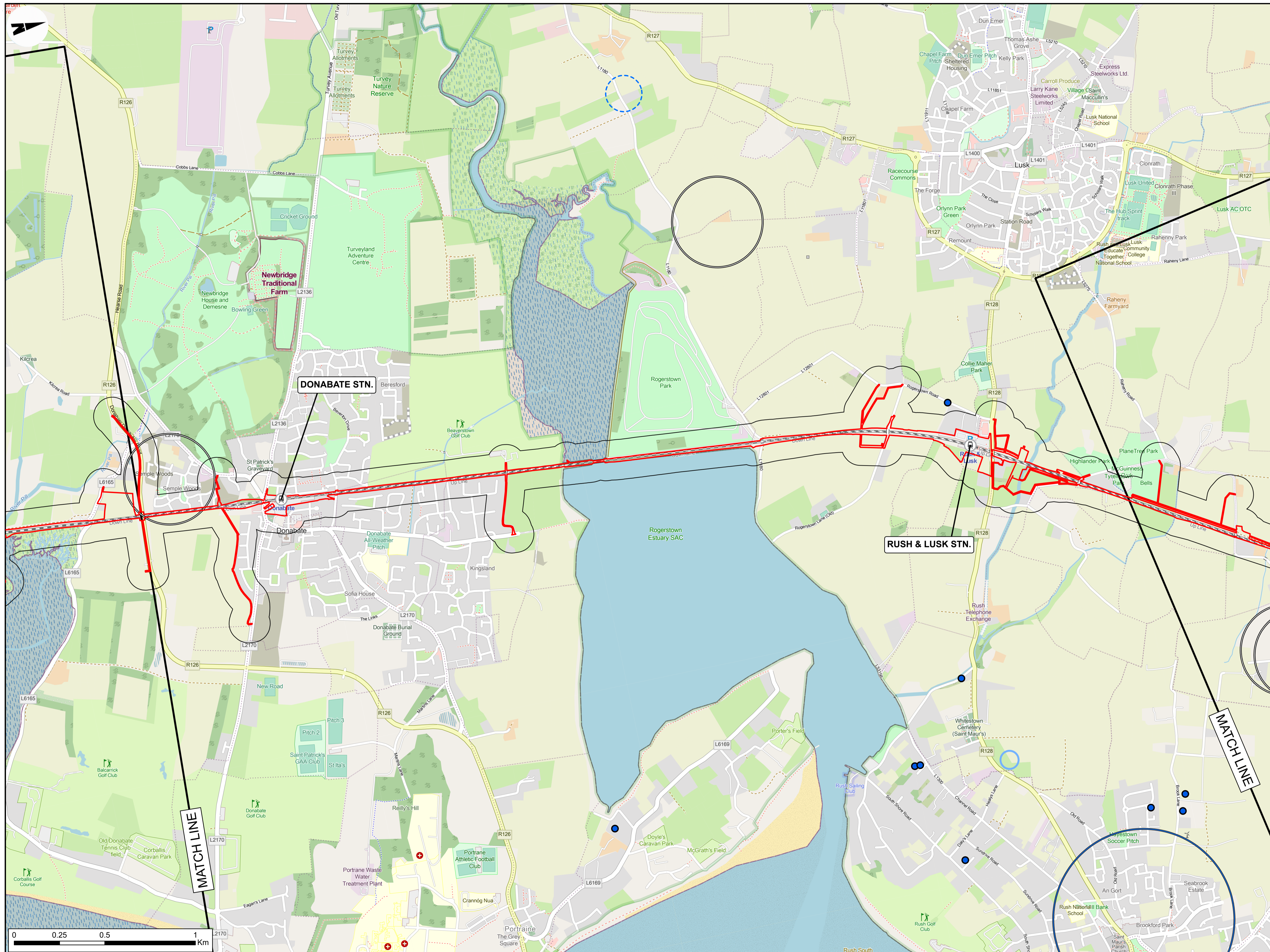
Drawing Title: **HYDROGEOLOGY  
 FIGURE 11.7: GROUNDWATER RESOURCES**

Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EVGT-100124

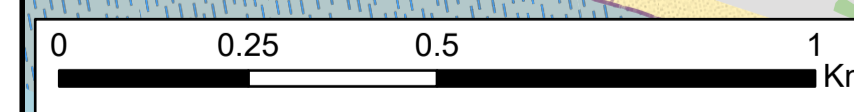
Sheet Number: 4 of 9

Status: S4

Rev: P02



- LEGEND**
- ⊙ RAILWAY STATIONS
  - ▭ DEVELOPMENT BOUNDARY
  - 100M BUFFER
- WELL LOCALITIES (GSI)**
- TO WITHIN 10M LOCATION ACCURACY
  - ◻ TO WITHIN 100M LOCATION ACCURACY (50M BUFFER)
  - ◻ TO WITHIN 200M LOCATION ACCURACY (100M BUFFER)
  - ◻ TO WITHIN 500M LOCATION ACCURACY (250M BUFFER)
  - ◻ TO WITHIN 1KM LOCATION ACCURACY (500M BUFFER)



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Rev	Date	Dn	Ch'd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

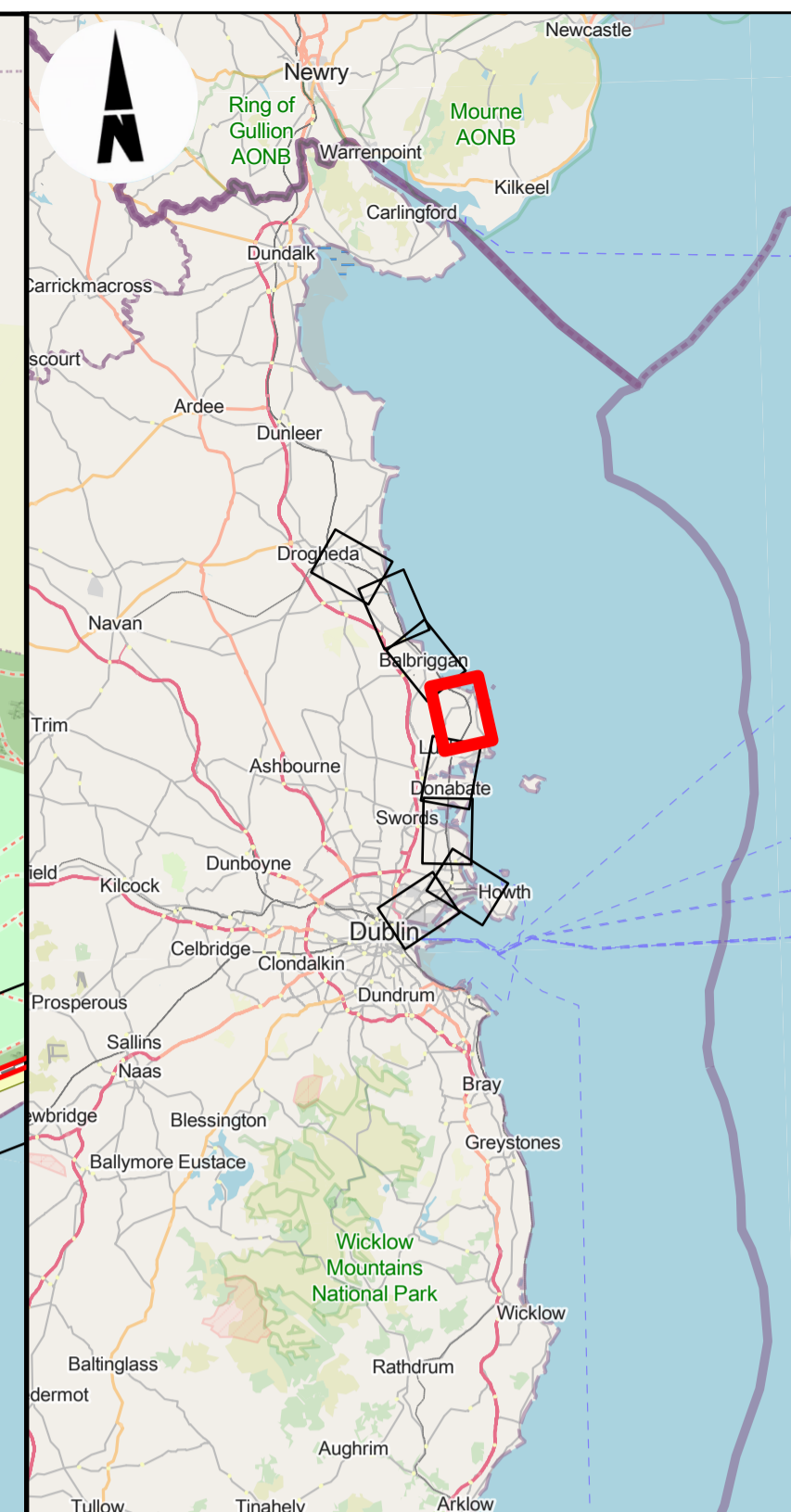
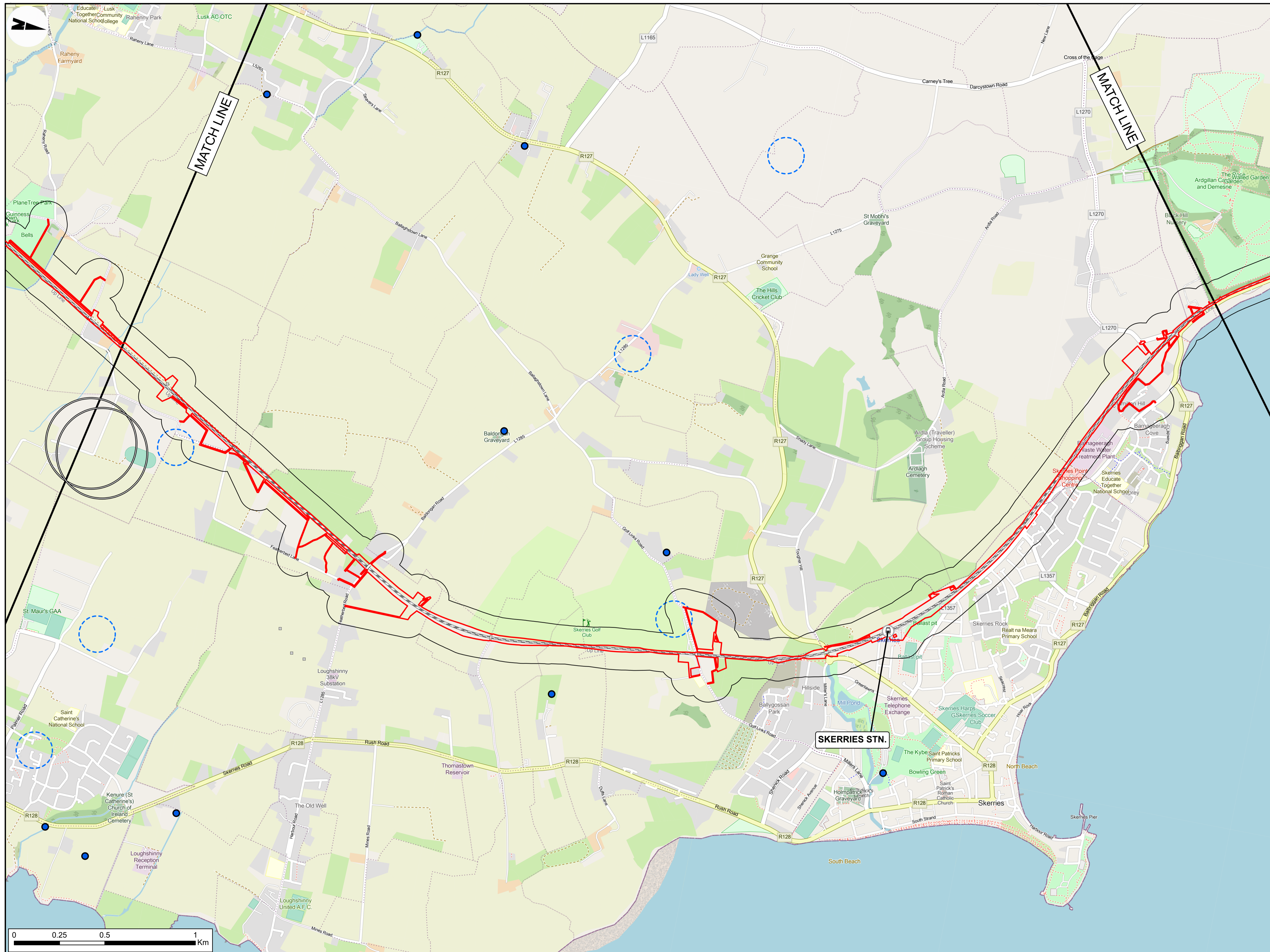
**DART+ Coastal North**

**NTA**  
 Údarás Náisiúnta Iompartha  
 National Transport Authority

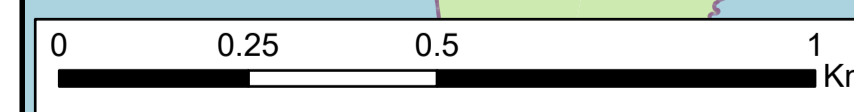
**Tionscail Éireann Project Ireland 2040**

Client	<b>Irish Rail</b>
Engineering Designer	<b>ARUP</b>
Date	07/09/2023
Scale	1:10000 @ A1 1:20000 @ A3
Project Code	D+WP56
Originator Code	ARP
QMS Code	279933-00

Project Title	<b>DART+ COASTAL NORTH</b>		
Drawing Title	HYDROGEOLOGY FIGURE 11.7: GROUNDWATER RESOURCES		
Drawing File Name	D+WP56-ARP-ZZ-NL-DR-EVGT-100125	Sheet Number	5 of 9
Status	S4	Rev	P02



- LEGEND**
- RAILWAY STATIONS
  - DEVELOPMENT BOUNDARY
  - 100M BUFFER
  - WELL LOCALITIES (GSI)**
  - TO WITHIN 10M LOCATION ACCURACY
  - TO WITHIN 200M LOCATION ACCURACY (100M BUFFER)
  - TO WITHIN 500M LOCATION ACCURACY (250M BUFFER)



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**DART+ Coastal North**

**NTA**  
Náisiúnta Aonaidh Iompartha  
National Transport Authority

**Tionscadal Éireann**  
Project Ireland  
**2040**

Rev	Date	Dn	Ch'd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

Client: **Irish Rail**

Engineering Designer: **ARUP**

Date: 07/09/2023 | Scale: 1:10000 @ A1 | 1:20000 @ A3

Project Code: D+WP56 | Originator Code: ARP

Drawn	DM	Checked	MF	Approved	GS
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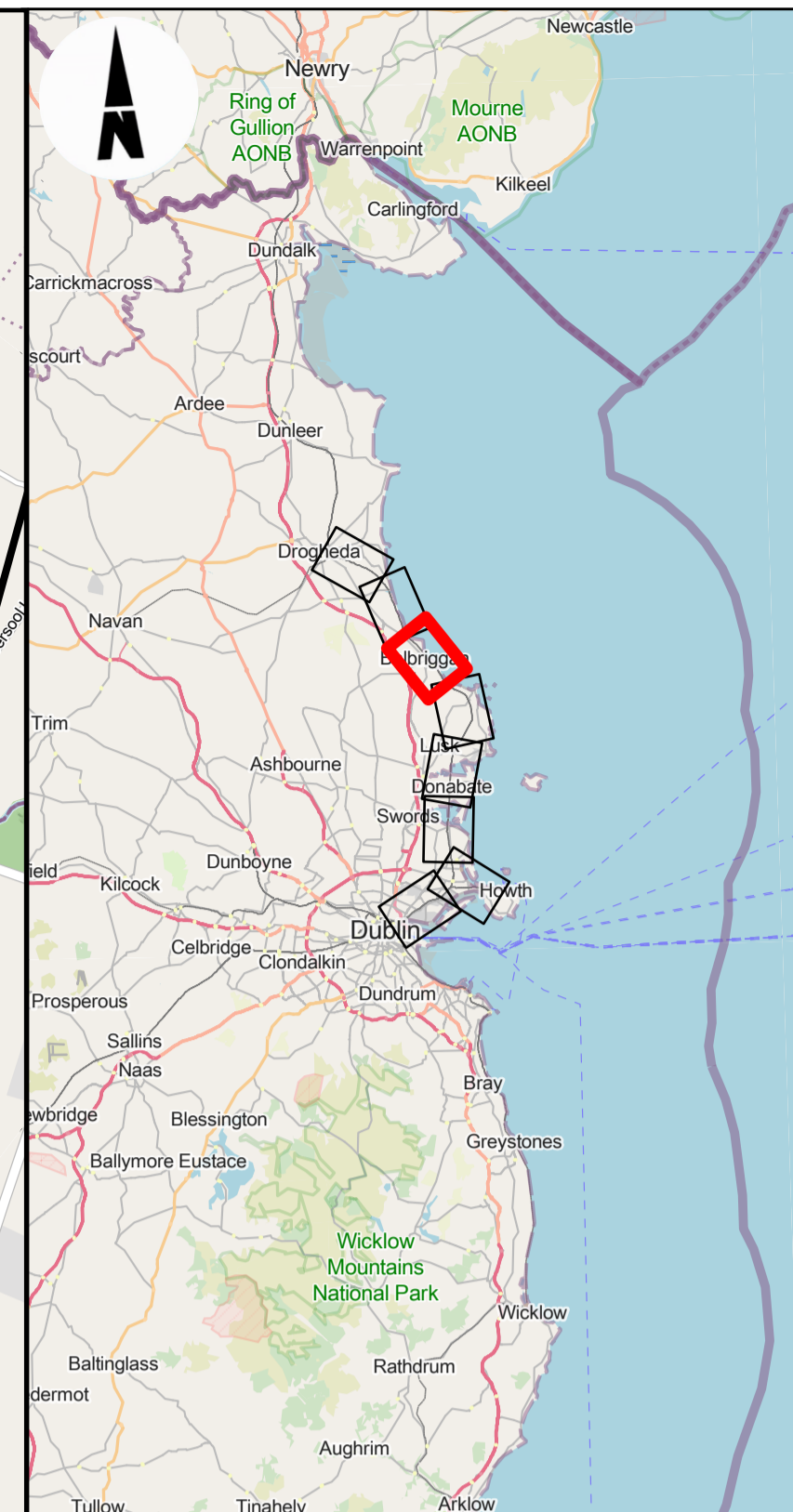
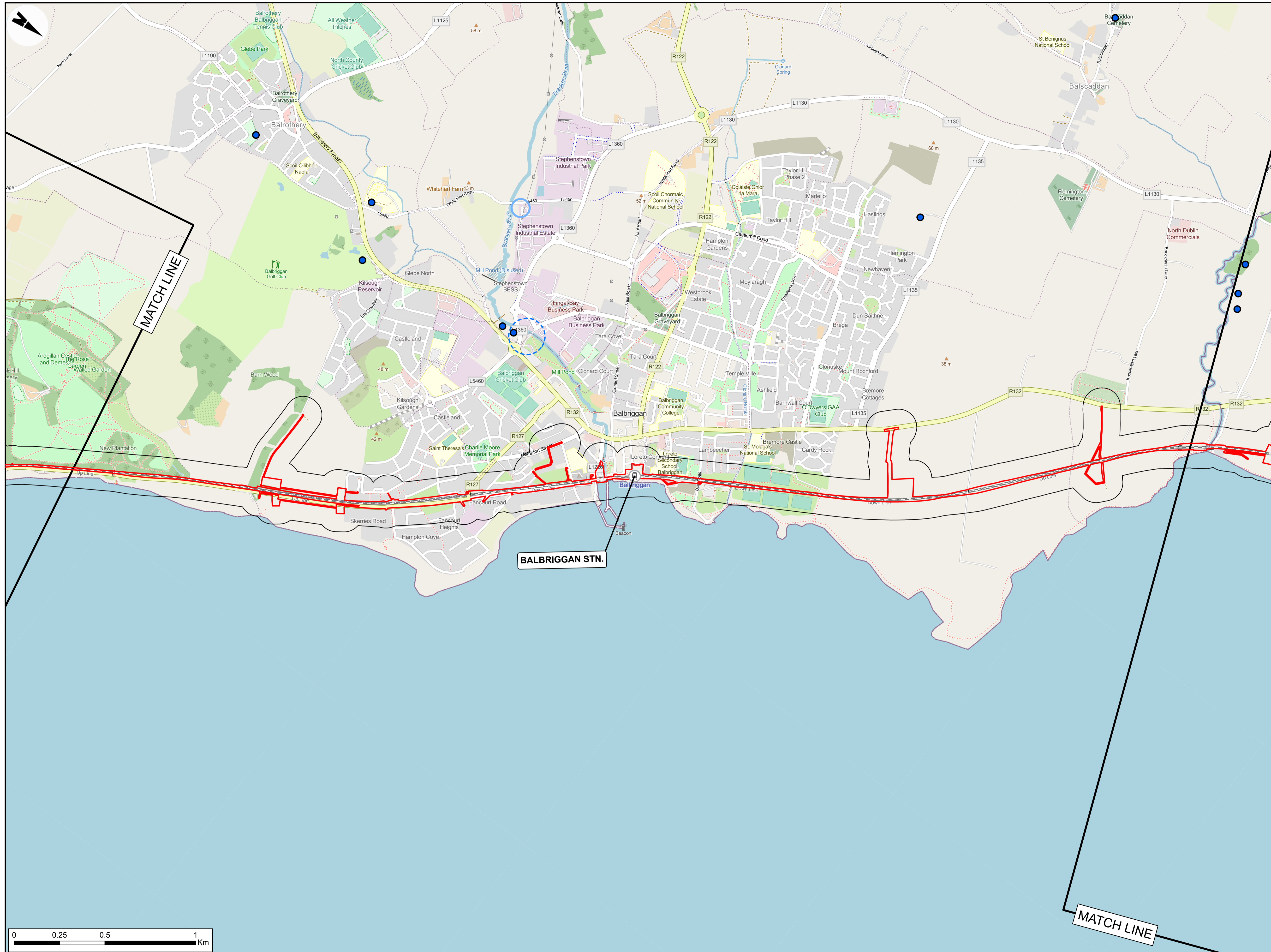
OMS Code: 279933-00

Project Title: **DART+ COASTAL NORTH**

Drawing Title: **HYDROGEOLOGY  
FIGURE 11.7: GROUNDWATER RESOURCES**

Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EVGT-100126

Sheet Number: 6 of 9 | Status: S4 | Rev: P02



- LEGEND**
- RAILWAY STATIONS
  - DEVELOPMENT BOUNDARY
  - 100M BUFFER
  - WELL LOCALITIES (GSI)**
  - TO WITHIN 10M LOCATION ACCURACY
  - TO WITHIN 100M LOCATION ACCURACY (50M BUFFER)
  - TO WITHIN 200M LOCATION ACCURACY (100M BUFFER)

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**NOTES**

Rev	Date	Dn	Ch'd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

Client: **larnród Éireann Irish Rail**

Engineering Designer: **ARUP**

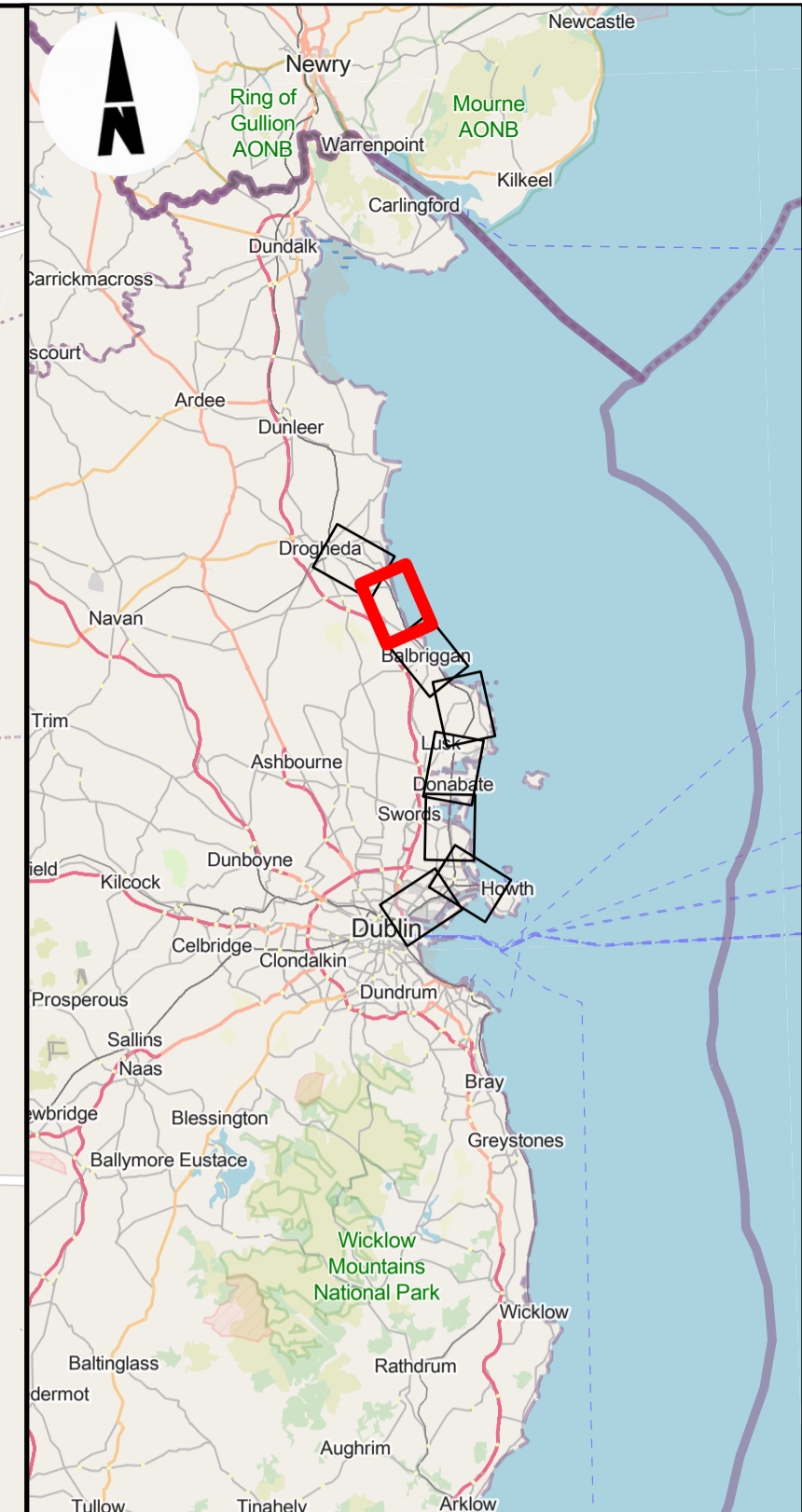
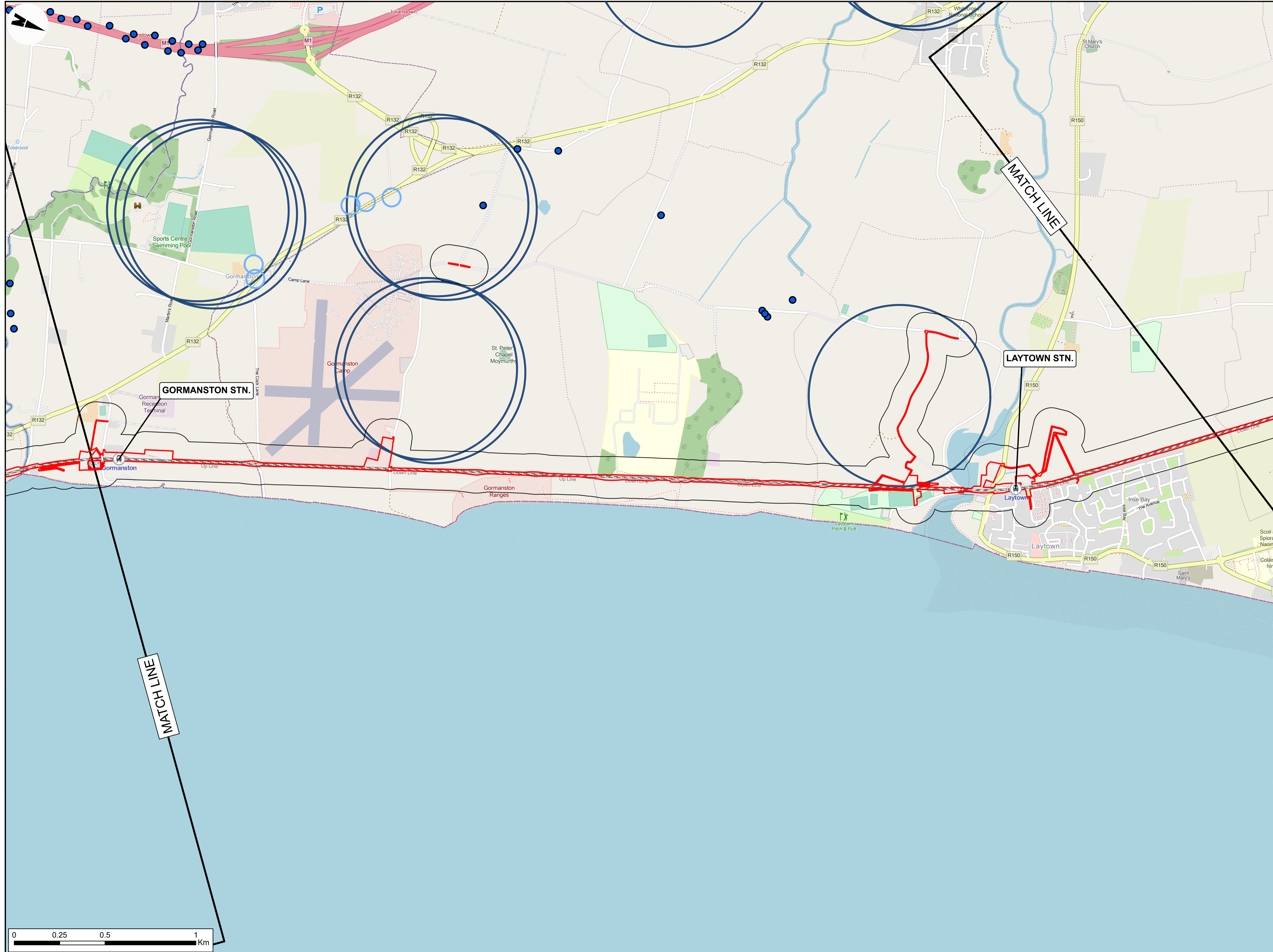
Date: 07/09/2023 Scale: 1:10000 @ A1, 1:20000 @ A3

Project Code: D+WP56 Originator Code: ARP

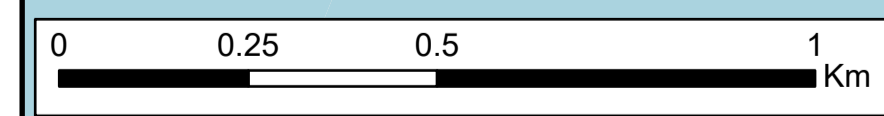
Drawn: DM Checked: MF Approved: GS

QMS Code: 279933-00

Project Title: <b>DART+ COASTAL NORTH</b>			
Drawing Title: <b>HYDROGEOLOGY FIGURE 11.7: GROUNDWATER RESOURCES</b>			
Drawing File Name: <b>D+WP56-ARP-ZZ-NL-DR-EVGT-100127</b>	Sheet Number: <b>7 of 9</b>	Status: <b>S4</b>	Rev: <b>P02</b>



- LEGEND**
- ⊙ RAILWAY STATIONS
  - ▭ DEVELOPMENT BOUNDARY
  - 100M BUFFER
  - WELL LOCALITIES (GSI)**
  - TO WITHIN 10M LOCATION ACCURACY
  - ◻ TO WITHIN 100M LOCATION ACCURACY (50M BUFFER)
  - ◻ TO WITHIN 1KM LOCATION ACCURACY (500M BUFFER)



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Rev	Date	Dn	Chk'd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

Client: **Irish Rail**

Engineering Designer: **ARUP**

Date: 07/09/2023 Scale: 1:10000 @ A1, 1:20000 @ A3

Project Code: D+WP56 Originator Code: ARP

QMS Code: 279933-00

Drawn: DM, Checked: MF, Approved: GS

Project Title: **DART+ COASTAL NORTH**

Drawing Title: **HYDROGEOLOGY  
FIGURE 11.7: GROUNDWATER RESOURCES**

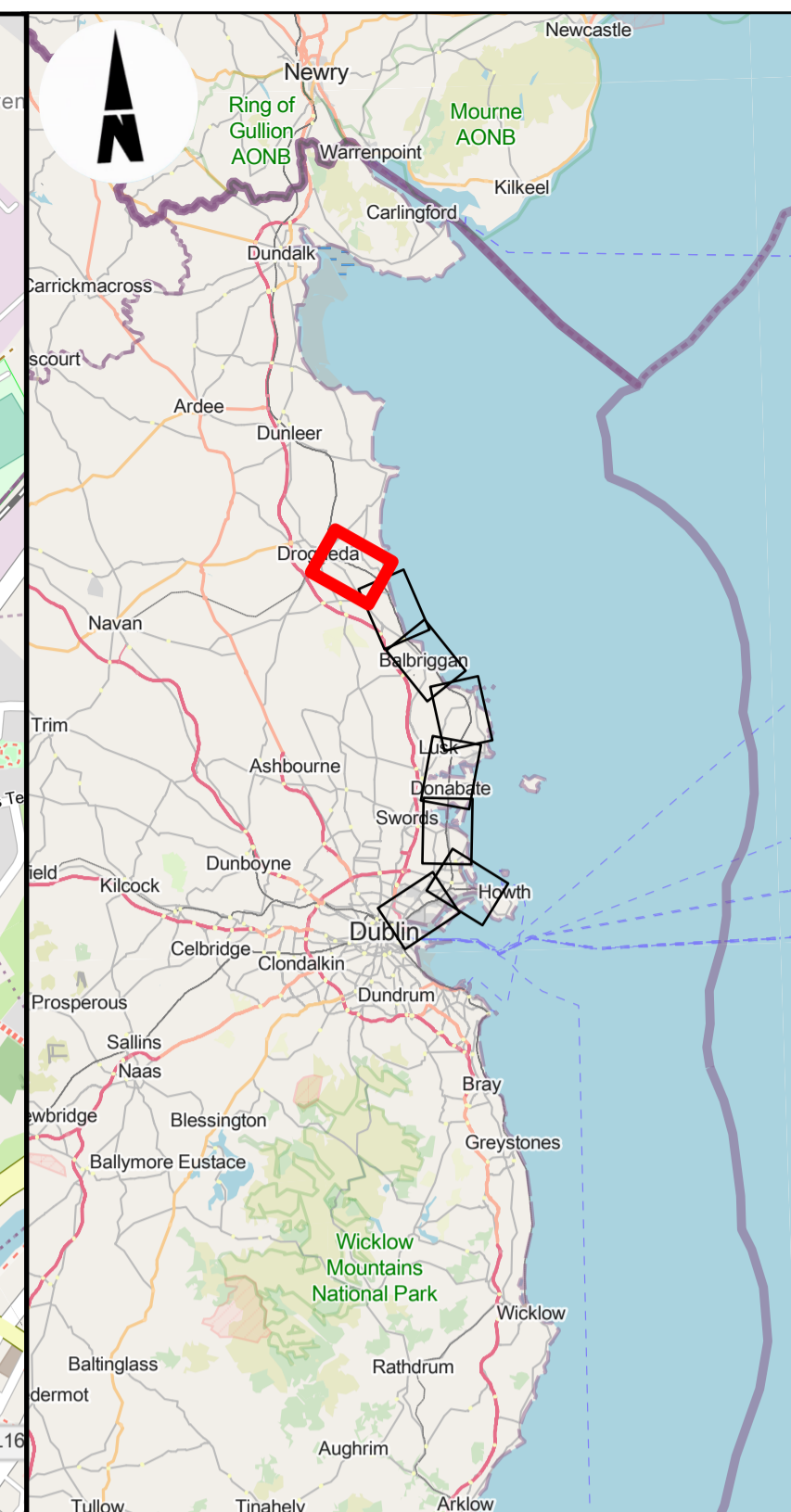
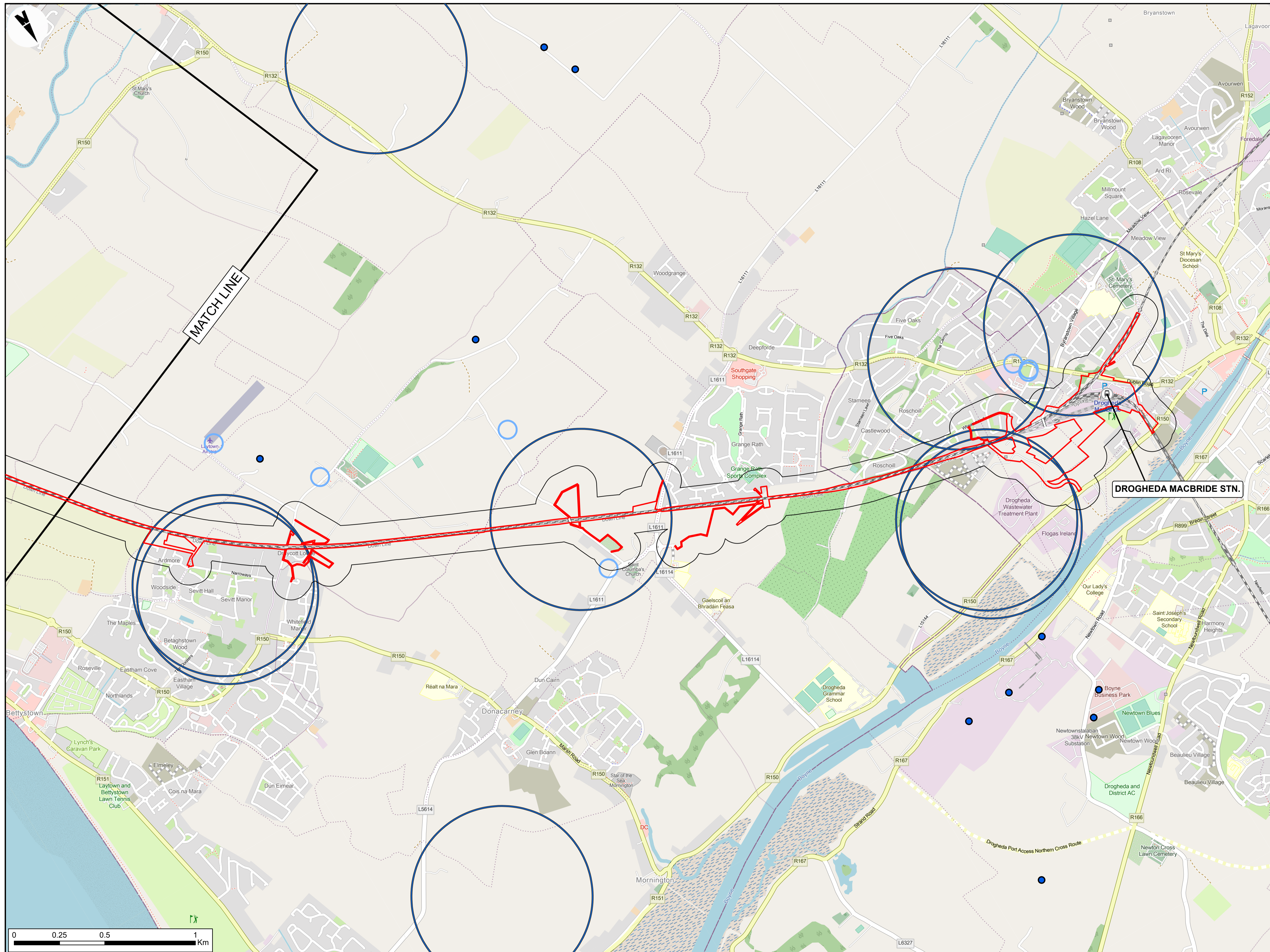
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Sheet Number: 8 of 9

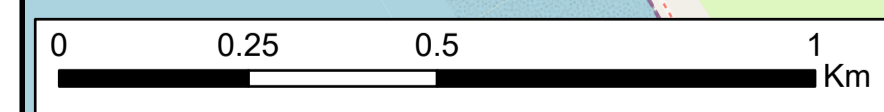
Status: S4

Rev: P02





- LEGEND**
- RAILWAY STATIONS
  - DEVELOPMENT BOUNDARY
  - 100M BUFFER
  - WELL LOCALITIES (GSI)**
  - TO WITHIN 10M LOCATION ACCURACY
  - TO WITHIN 100M LOCATION ACCURACY (50M BUFFER)
  - TO WITHIN 1KM LOCATION ACCURACY (500M BUFFER)



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Rev	Date	Dn	Chkd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

Client: **larród Éireann Irish Rail**

Engineering Designer: **ARUP**

Date: 07/09/2023 Scale: 1:10000 @ A1 1:20000 @ A3

Project Code: D+WP56 Originator Code: ARP

QMS Code: 279933-00

Drawn: DM Checked: MF Approved: GS

Project Title: **DART+ COASTAL NORTH**

Drawing Title: **HYDROGEOLOGY FIGURE 11.7: GROUNDWATER RESOURCES**

Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EVGT-100129

Sheet Number: 9 of 9

Status: S4

Rev: P02