

- LEGEND**
- RAILWAY STATIONS
 - DEVELOPMENT BOUNDARY
 - 100M BUFFER
 - KARST LANDFORMS (GSI)**
 - BOREHOLE
 - CAVE
 - ENCLOSED DEPRESSION
 - SPRING
 - SUPERFICIAL SOLUTION FEATURES
 - SWALLOW HOLE
 - GROUNDWATER VULNERABILITY**
 - ROCK AT OR NEAR SURFACE OR KARST
 - EXTREME
 - HIGH
 - MODERATE
 - LOW
 - WATER

0 2 4 8 Km

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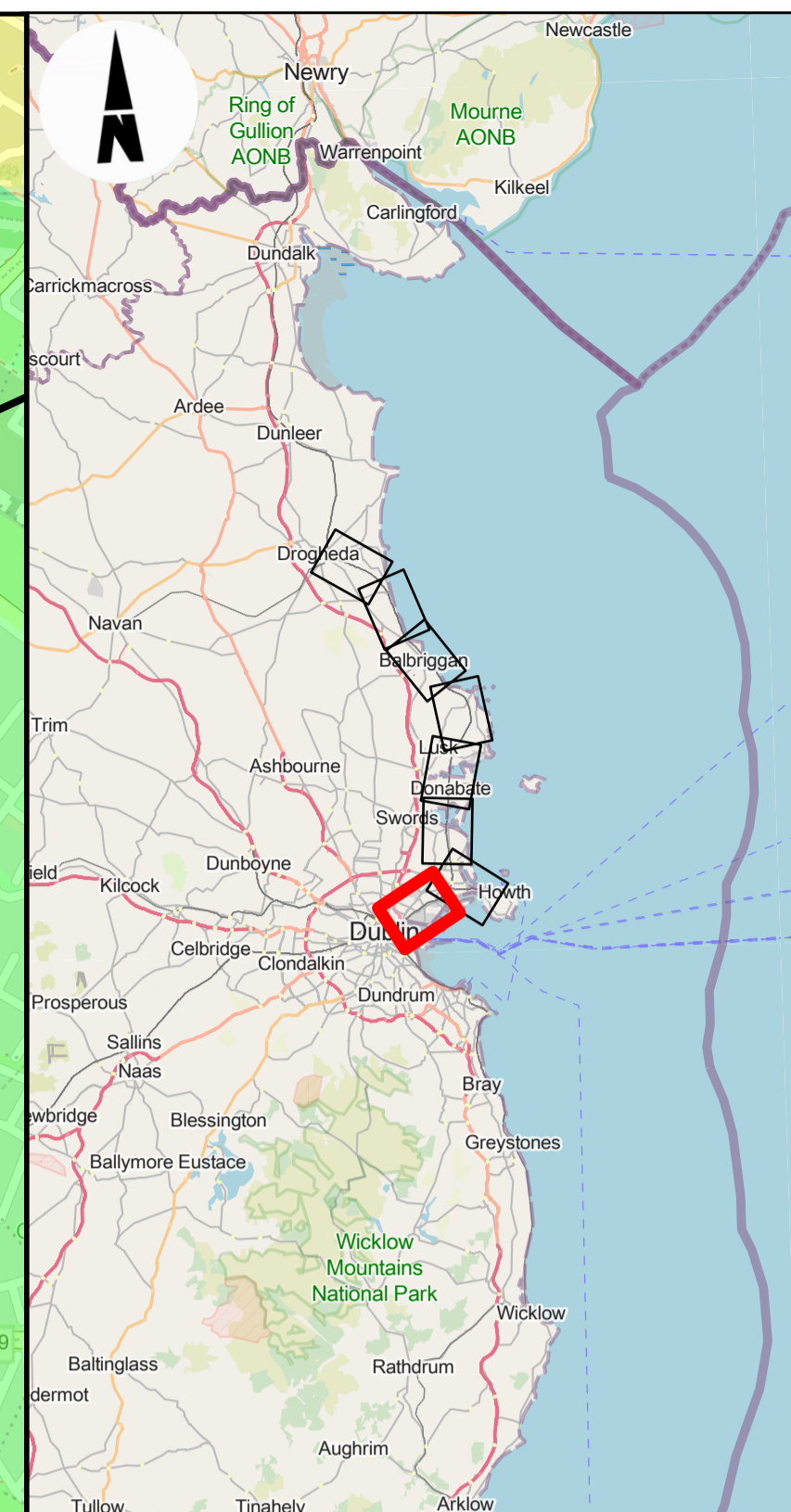
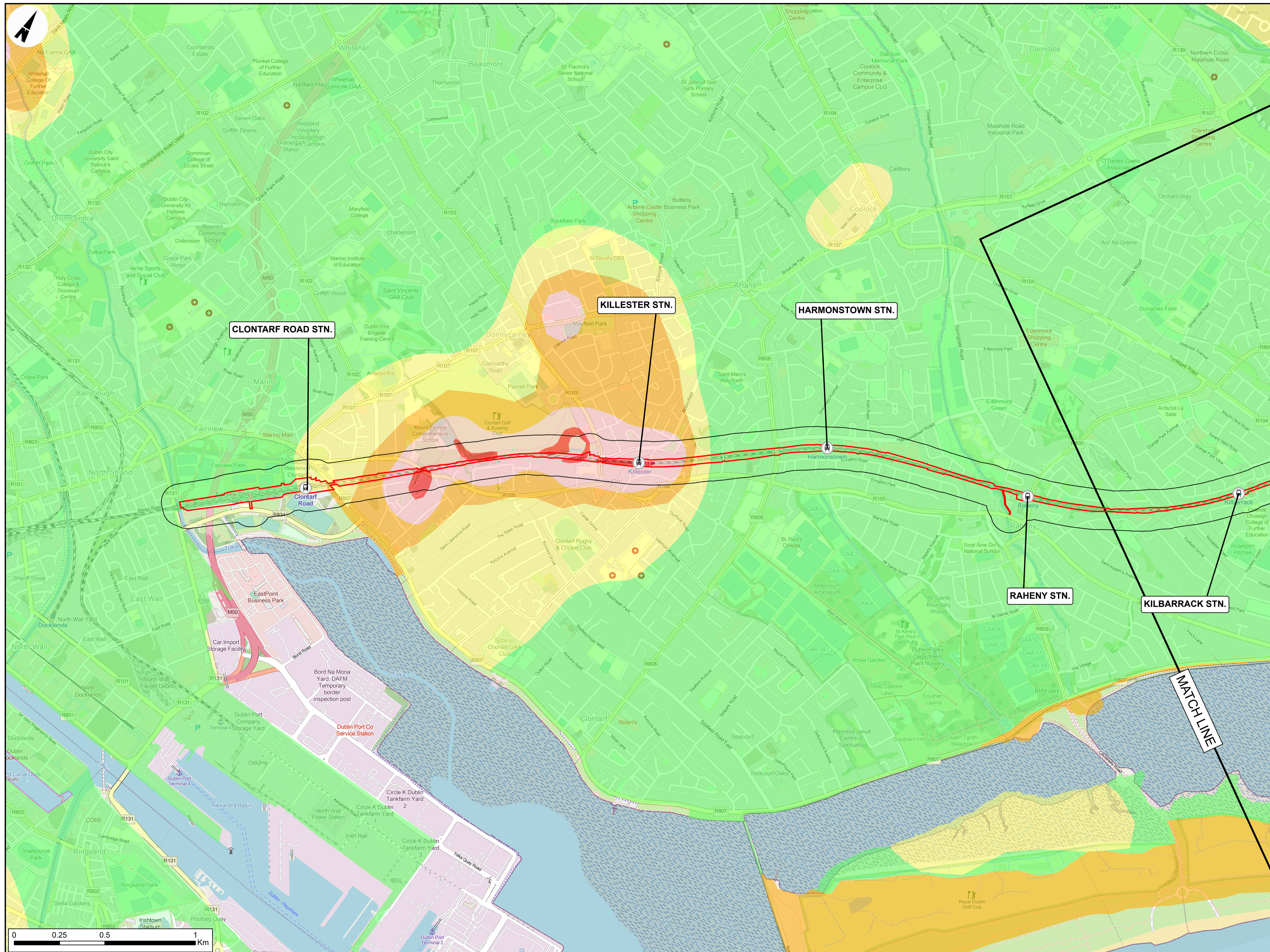
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P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

Tionscadal Éireann
Project Ireland
2040

Client		Engineering Designer	
Iarnród Éireann Irish Rail		ARUP	
Date	Scale	Drawn	Checked
07/09/2023	1:75000 @ A1 1:150000 @ 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 11.6: GROUNDWATER VULNERABILITY OVERVIEW	
Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVGT-100111	1 of 9	S4	P02

Project Title		Drawing Title	
DART+ COASTAL NORTH		HYDROGEOLOGY FIGURE 11.6: GROUNDWATER VULNERABILITY OVERVIEW	
Drawing File Name	Sheet Number	Status	Rev
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 - DEVELOPMENT BOUNDARY
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0 0.25 0.5 1 Km

NOTES

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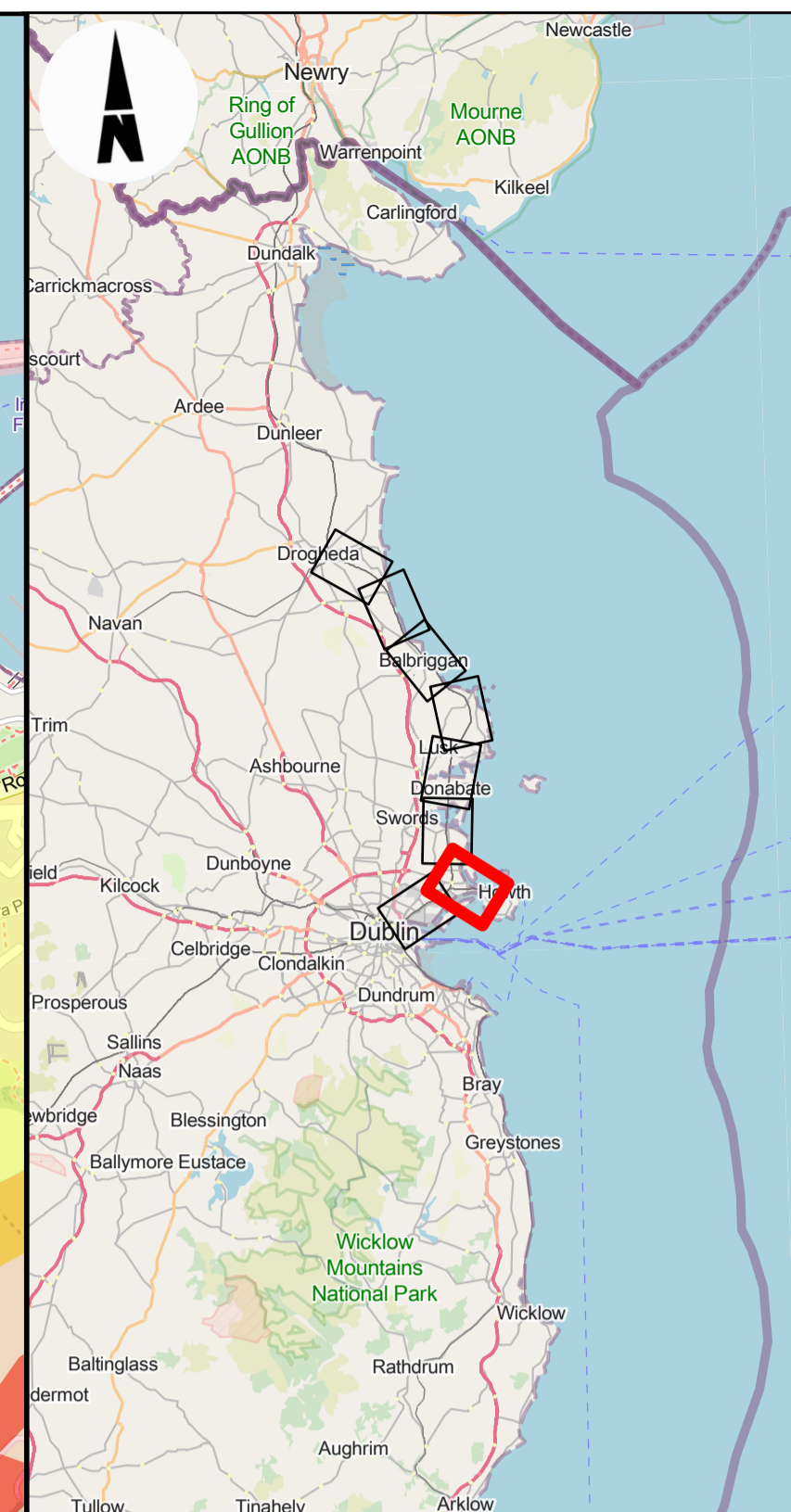
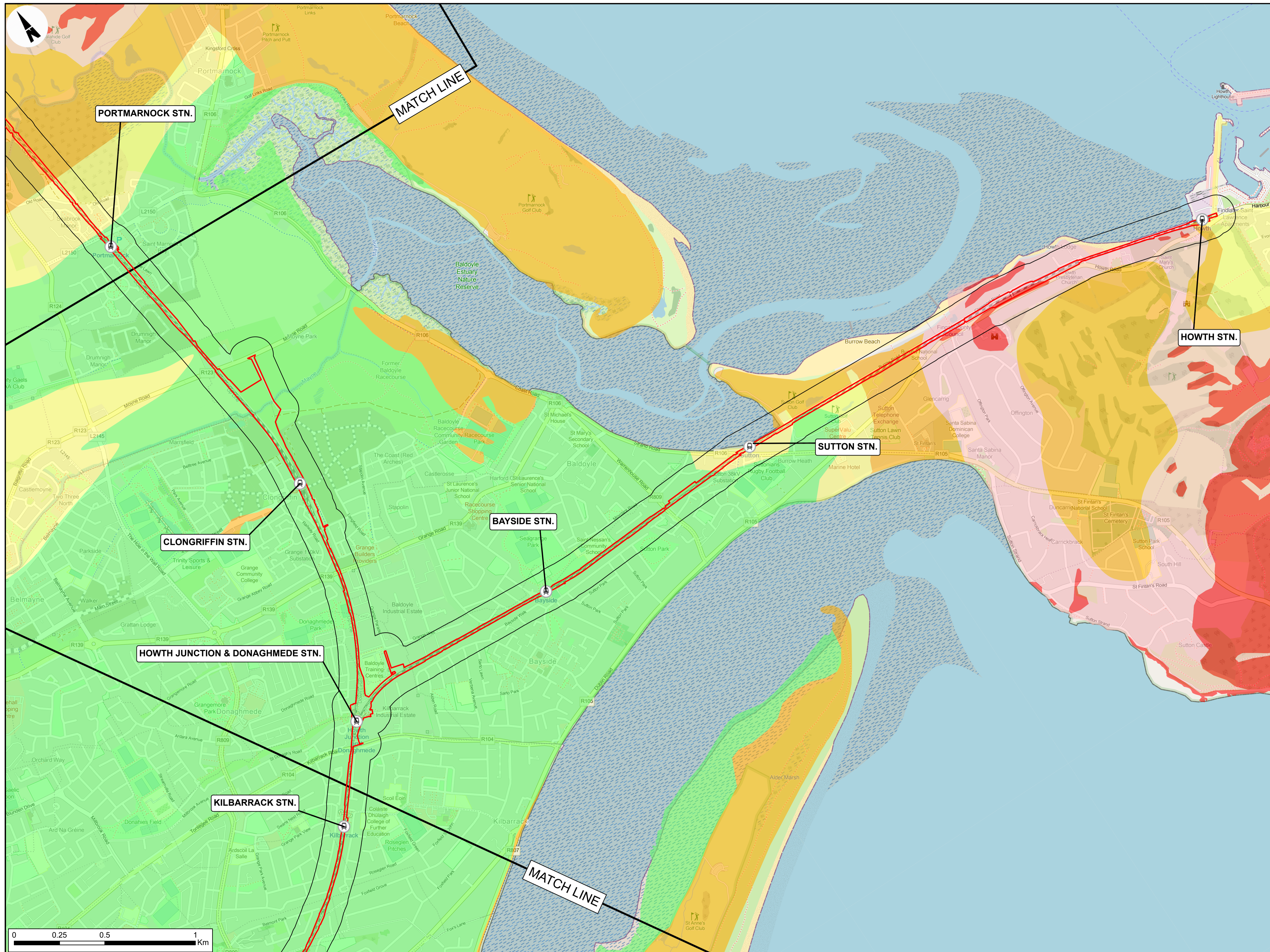
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Date	07/09/2023	Scale	1:10000 @ A1 1:20000 @ A3	Drawn	DM	Checked	MF	Approved	GS
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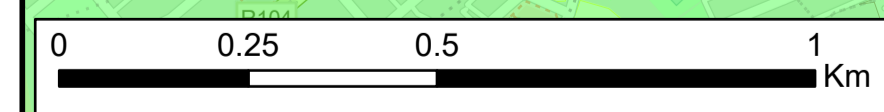
DART+ COASTAL NORTH

HYDROGEOLOGY
FIGURE 11.6: GROUNDWATER VULNERABILITY

Drawing File Name	D+WP56-ARP-ZZ-NL-DR-EVGT-100112	Sheet Number	2 of 9	Status	S4	Rev	P02
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- LEGEND**
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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

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QMS Code: 279933-00

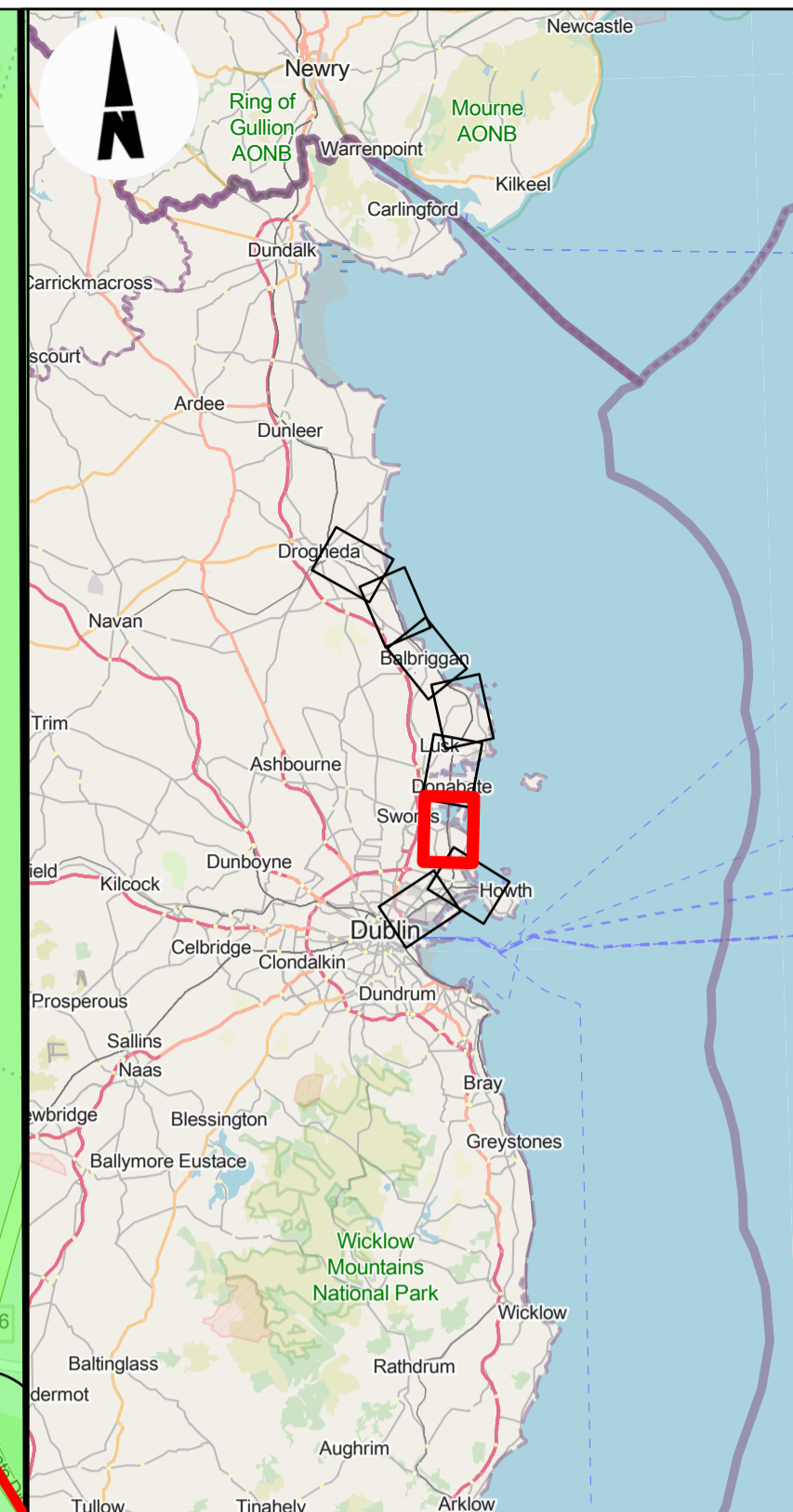
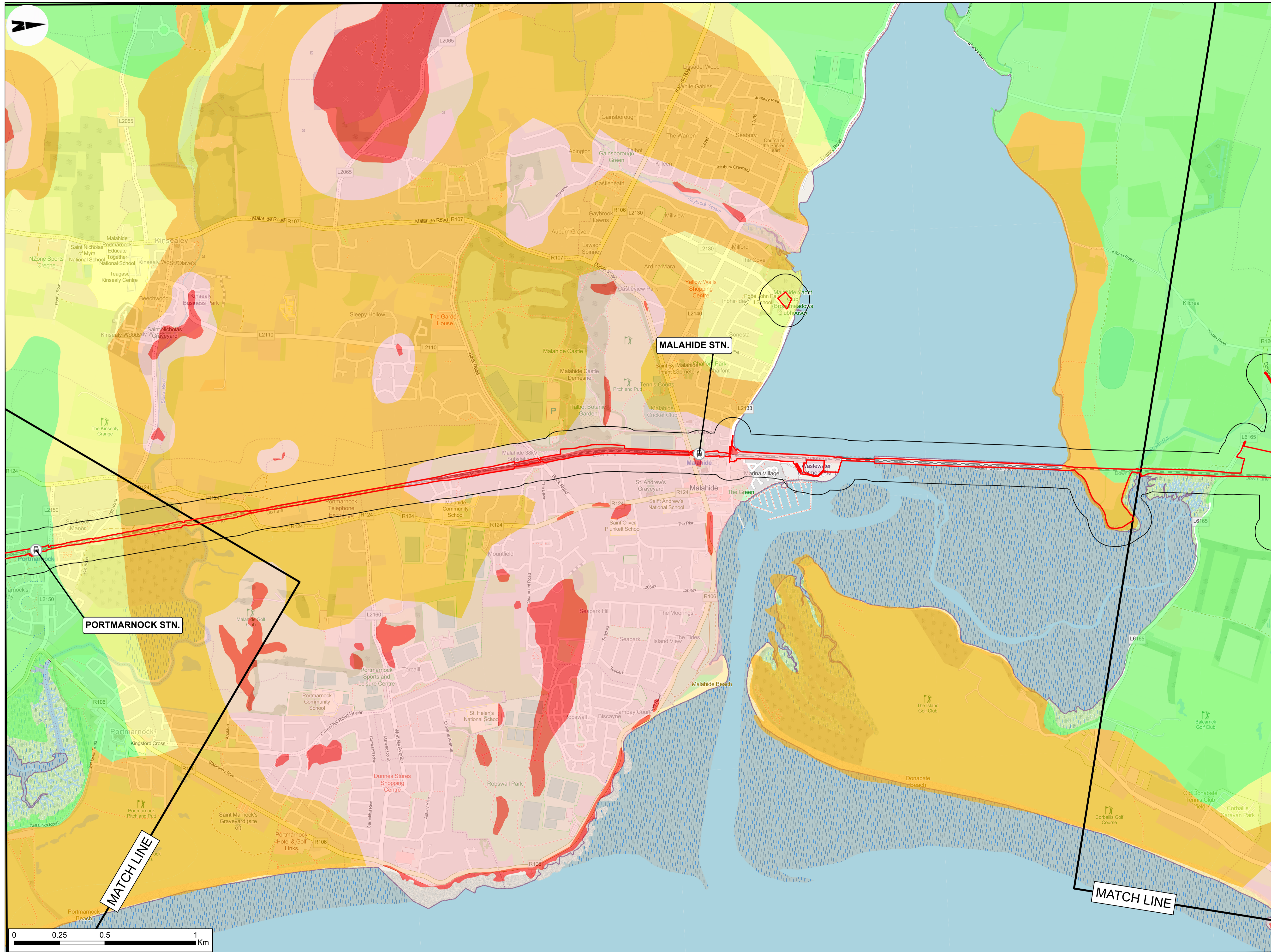
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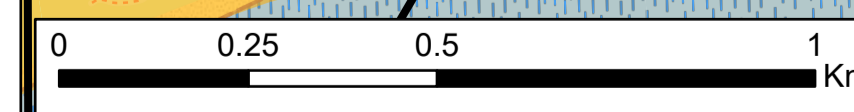
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FIGURE 11.6: GROUNDWATER VULNERABILITY

Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EVGT-100113

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- LEGEND**
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 - DEVELOPMENT BOUNDARY
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DART+
Coastal North

NTA
Uisce Náisiúnta Iompar
National Transport Authority

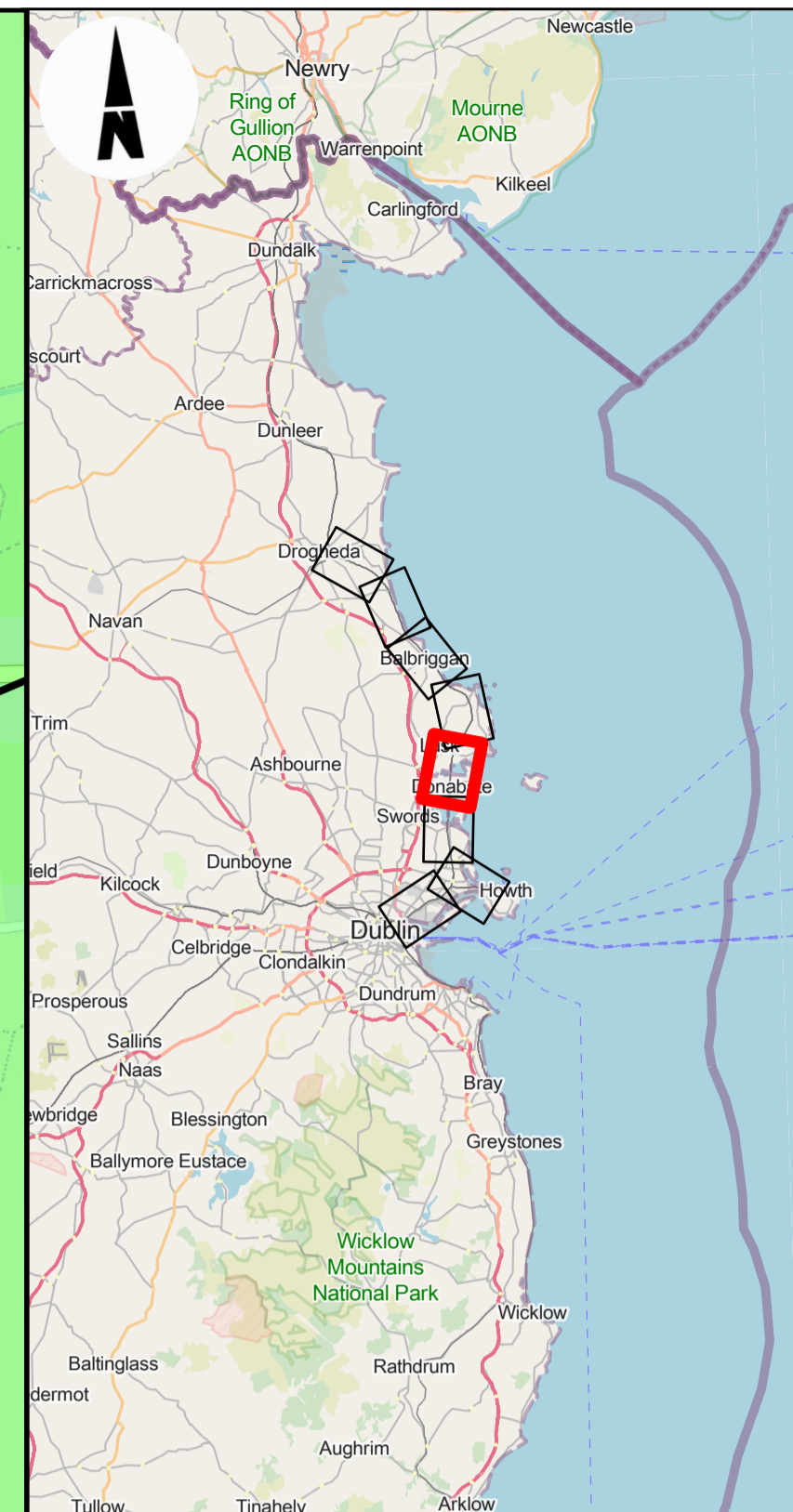
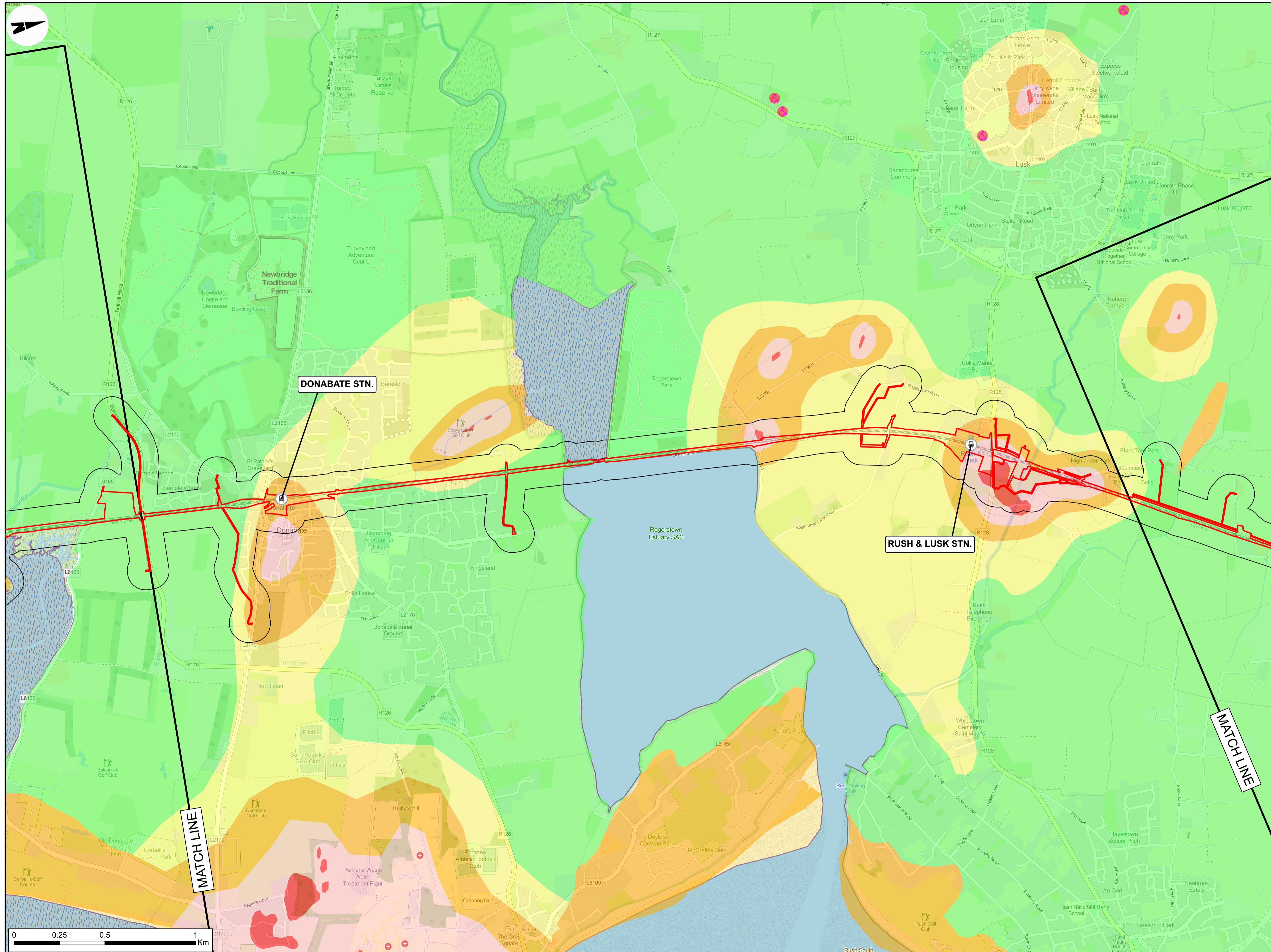
Tionscail Éireann
Project Ireland
2040

Client	Engineering Designer

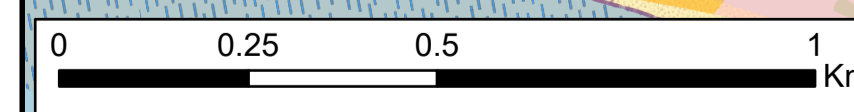
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DART+ COASTAL NORTH	HYDROGEOLOGY FIGURE 11.6: GROUNDWATER VULNERABILITY

Date	Scale	Drawn	Checked	Approved
07/09/2023	1:10000 @ A1 1:20000 @ A3	DM	MF	GS

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
D+WP56	ARP	279933-00	D+WP56-ARP-ZZ-NL-DR-EVGT-100114	4 of 9	S4	P02



- LEGEND**
- RAILWAY STATIONS
 - DEVELOPMENT BOUNDARY
 - 100M BUFFER
 - KARST LANDFORMS (GSI)**
 - SPRING
 - GROUNDWATER VULNERABILITY**
 - ROCK AT OR NEAR SURFACE OR KARST
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Rev	Date	Dn	Ch'd	App'd	Description
P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

DART+ Coastal North

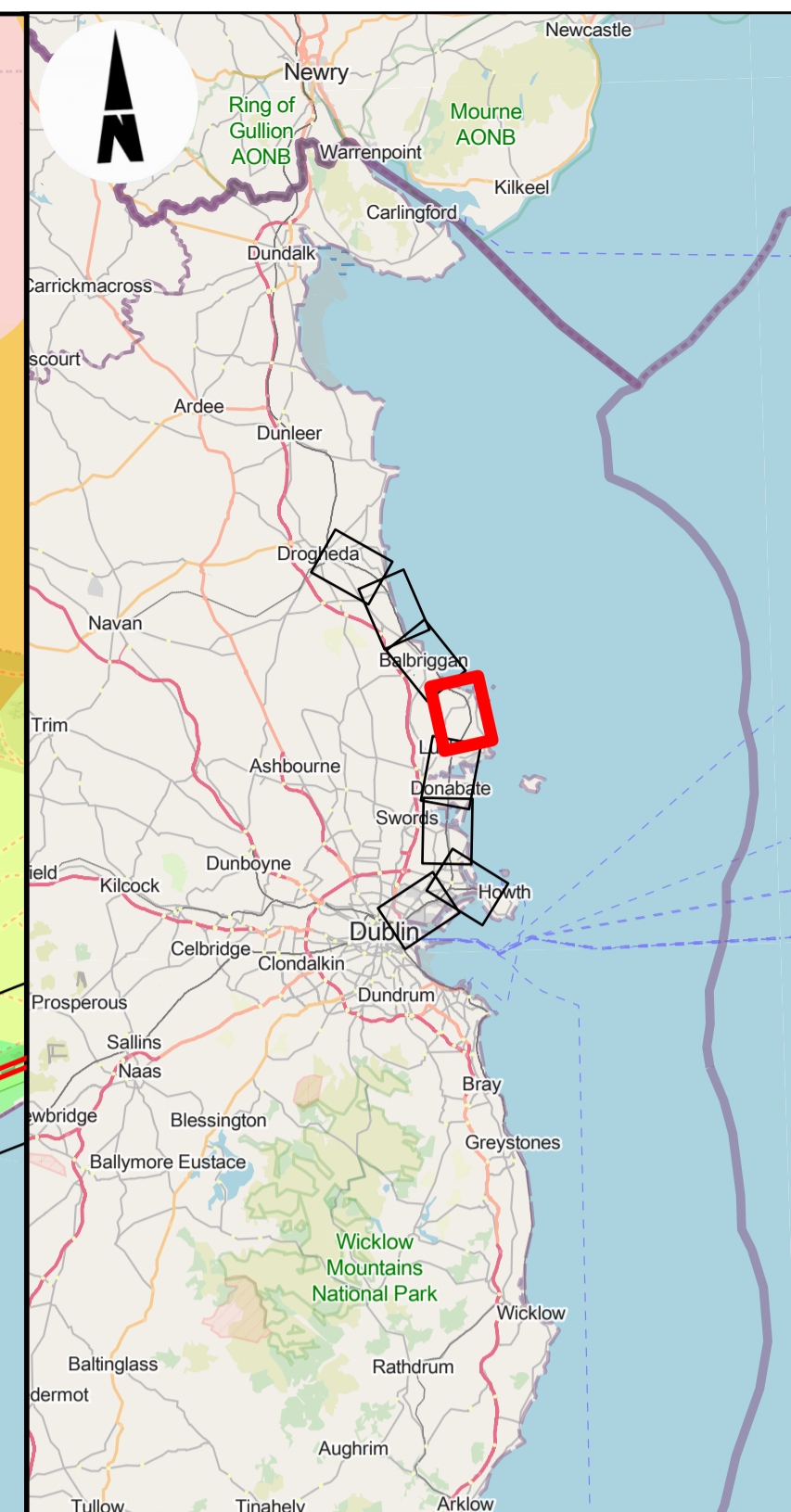
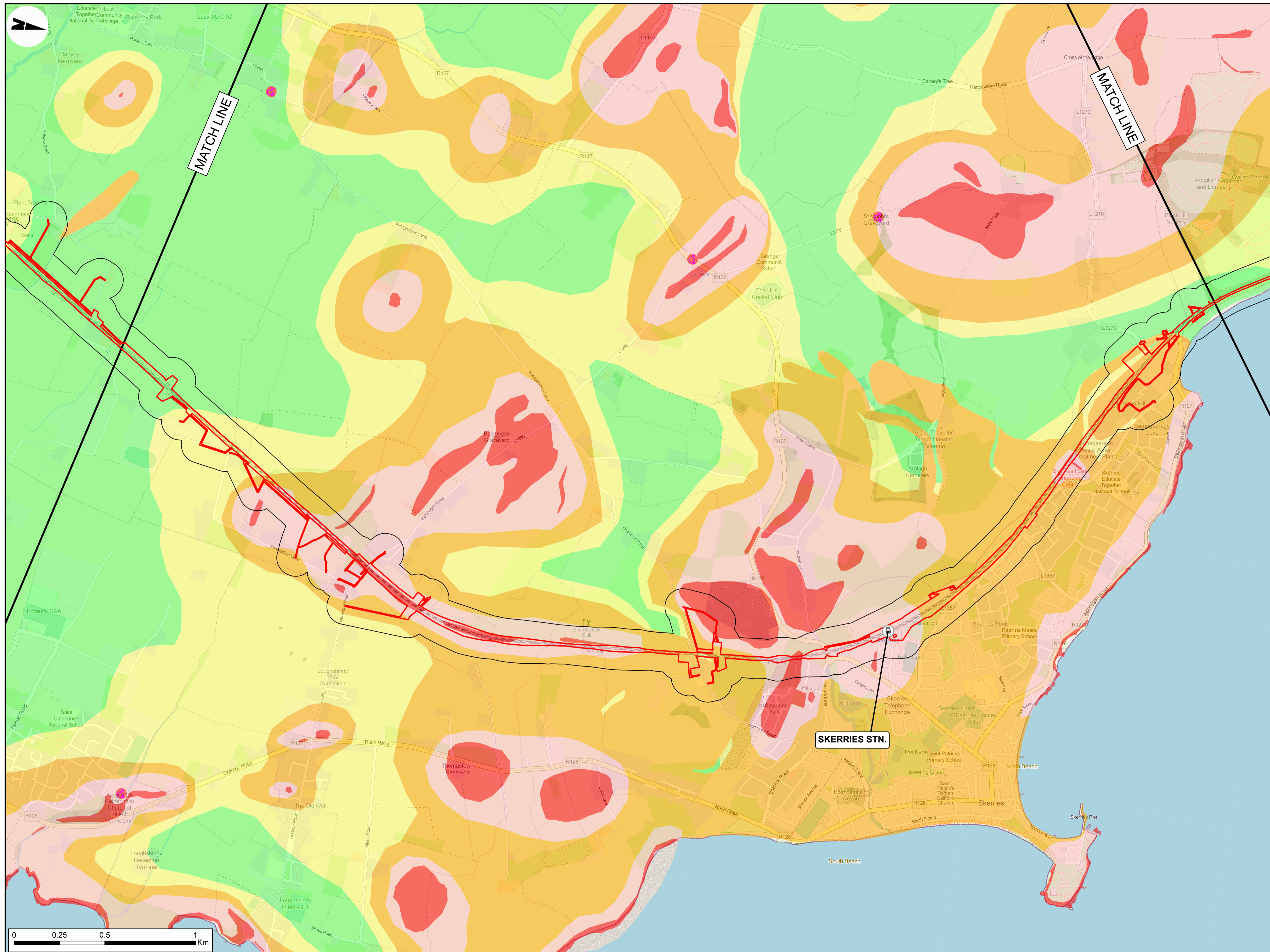
NTA
 Údarás Náisiúnta Iompartha
 National Transport Authority

Tionscadal Éireann Project Ireland 2040

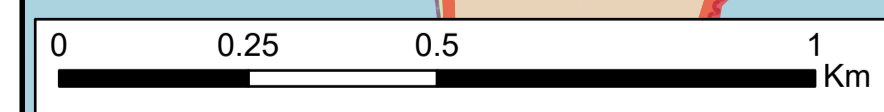
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D+WP56	ARP		279933-00		

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HYDROGEOLOGY FIGURE 11.6: GROUNDWATER VULNERABILITY		D+WP56-ARP-ZZ-NL-DR-EVGT-100115		6 of 9	S4	P02

Drawing Title		Drawing File Name		Sheet Number	Status	Rev
HYDROGEOLOGY FIGURE 11.6: GROUNDWATER VULNERABILITY		D+WP56-ARP-ZZ-NL-DR-EVGT-100115		6 of 9	S4	P02



- LEGEND**
- RAILWAY STATIONS
 - DEVELOPMENT BOUNDARY
 - 100M BUFFER
 - KARST LANDFORMS (GSI)**
 - SPRING
 - GROUNDWATER VULNERABILITY**
 - ROCK AT OR NEAR SURFACE OR KARST
 - EXTREME
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Client: **Irish Rail**

Engineering Designer: **ARUP**

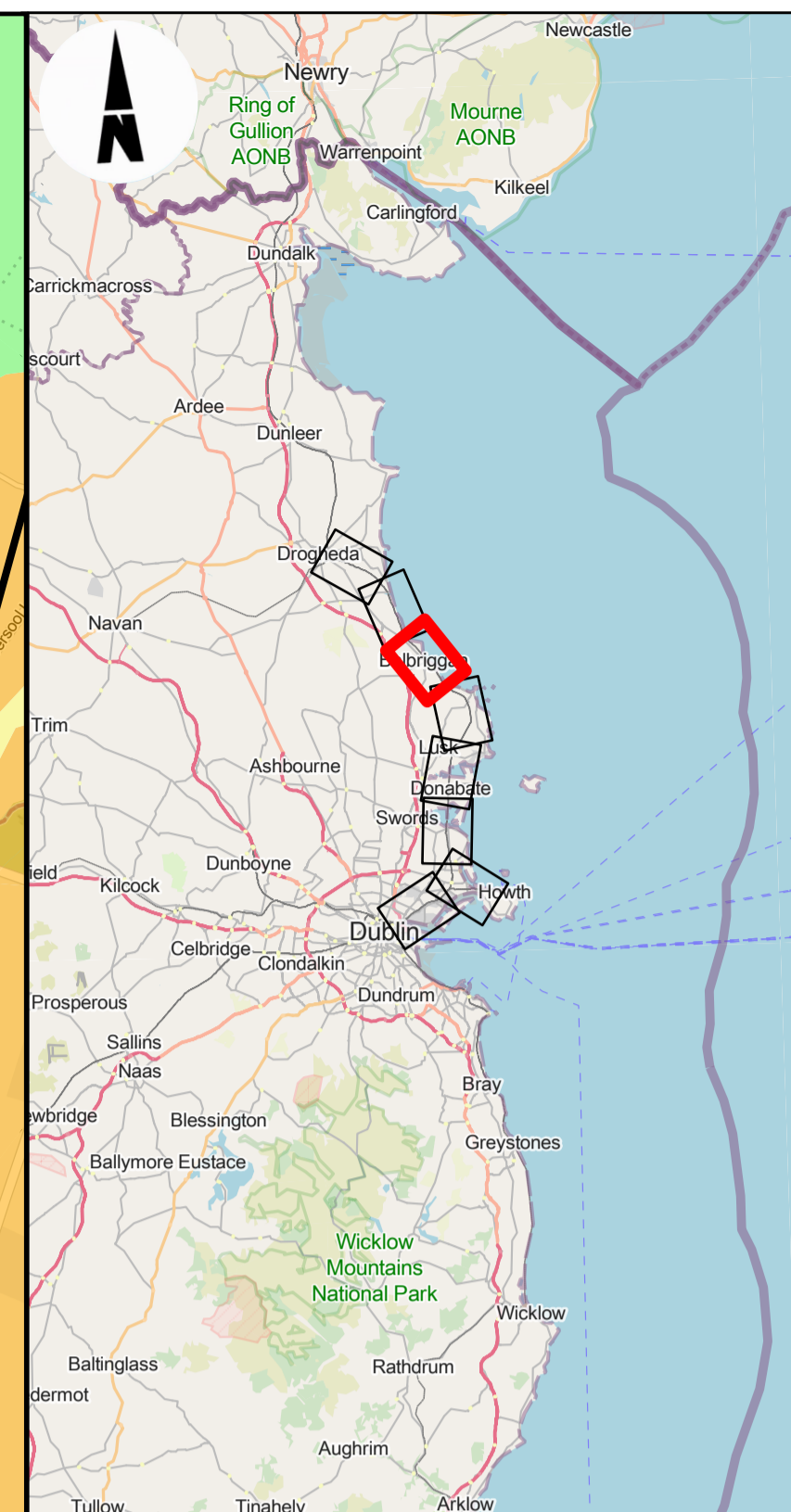
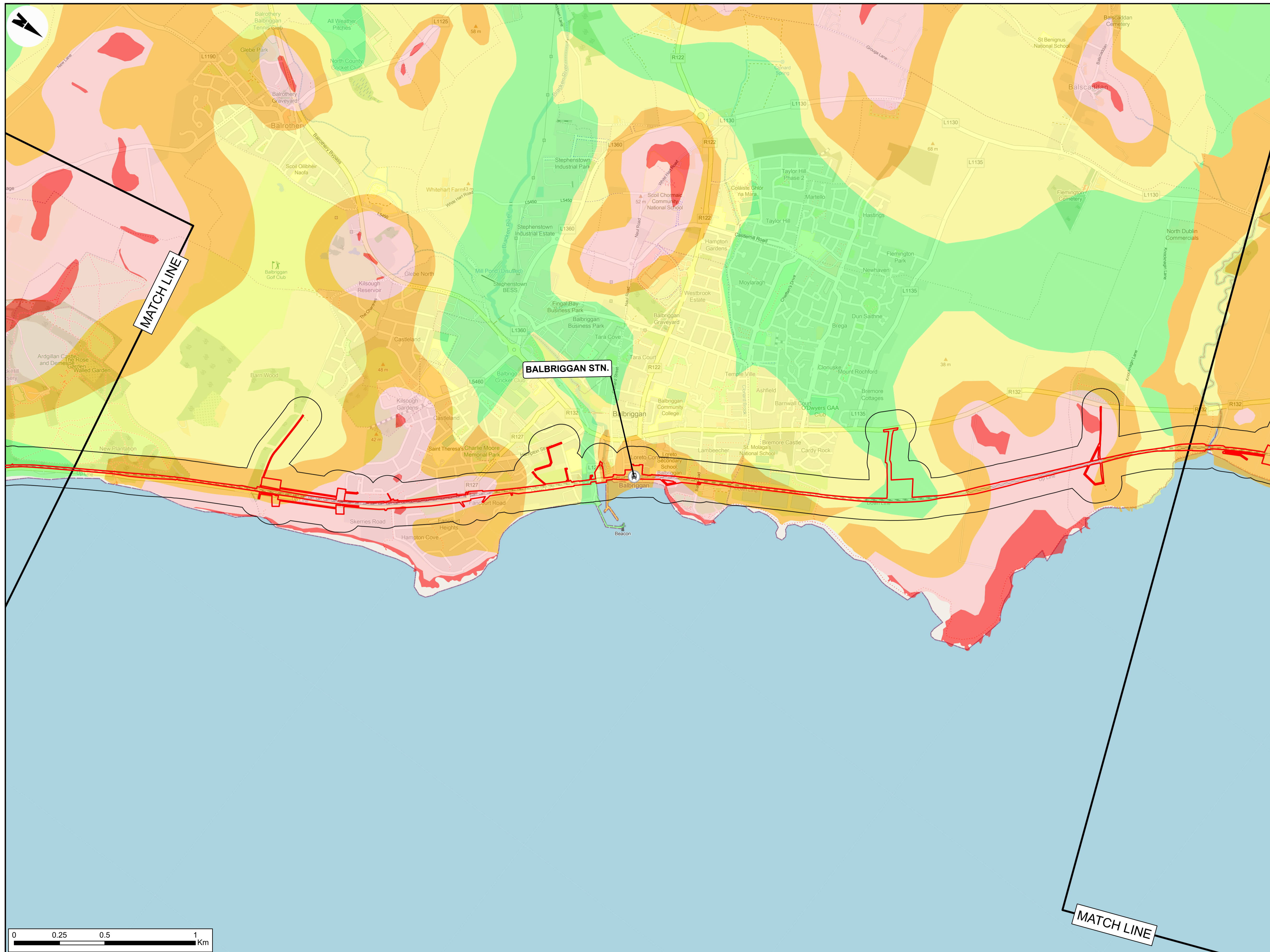
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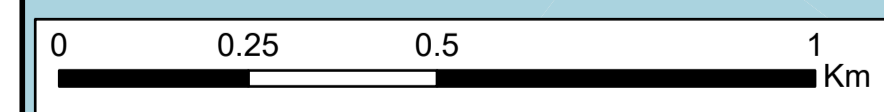
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OMS Code: 279933-00

Project Title: DART+ COASTAL NORTH			
Drawing Title: HYDROGEOLOGY FIGURE 11.6: GROUNDWATER VULNERABILITY			
Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EVGT-100116	Sheet Number: 6 of 9	Status: S4	Rev: P02



- LEGEND**
- RAILWAY STATIONS
 - DEVELOPMENT BOUNDARY
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 - GROUNDWATER VULNERABILITY**
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Engineering Designer: **ARUP**

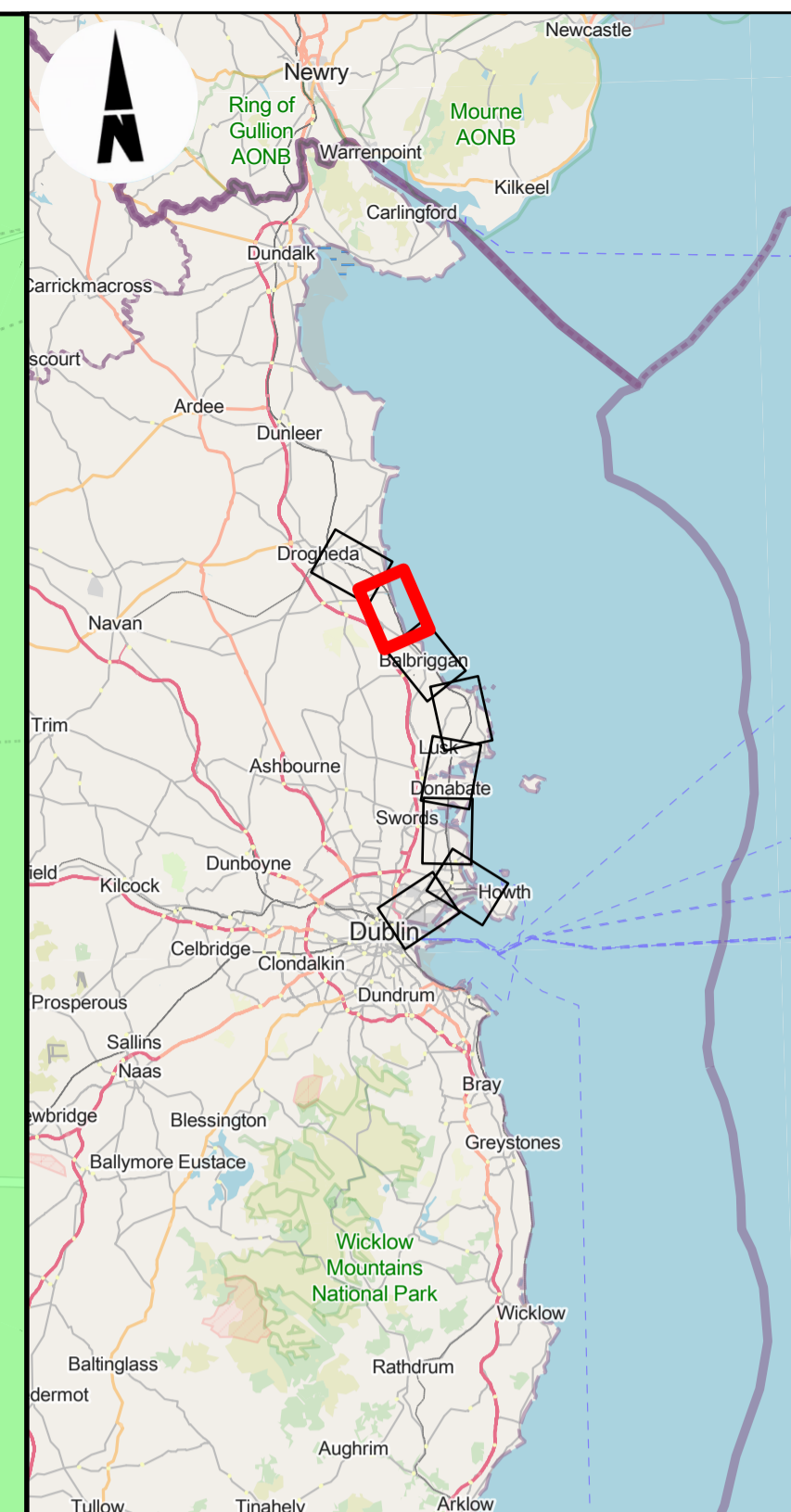
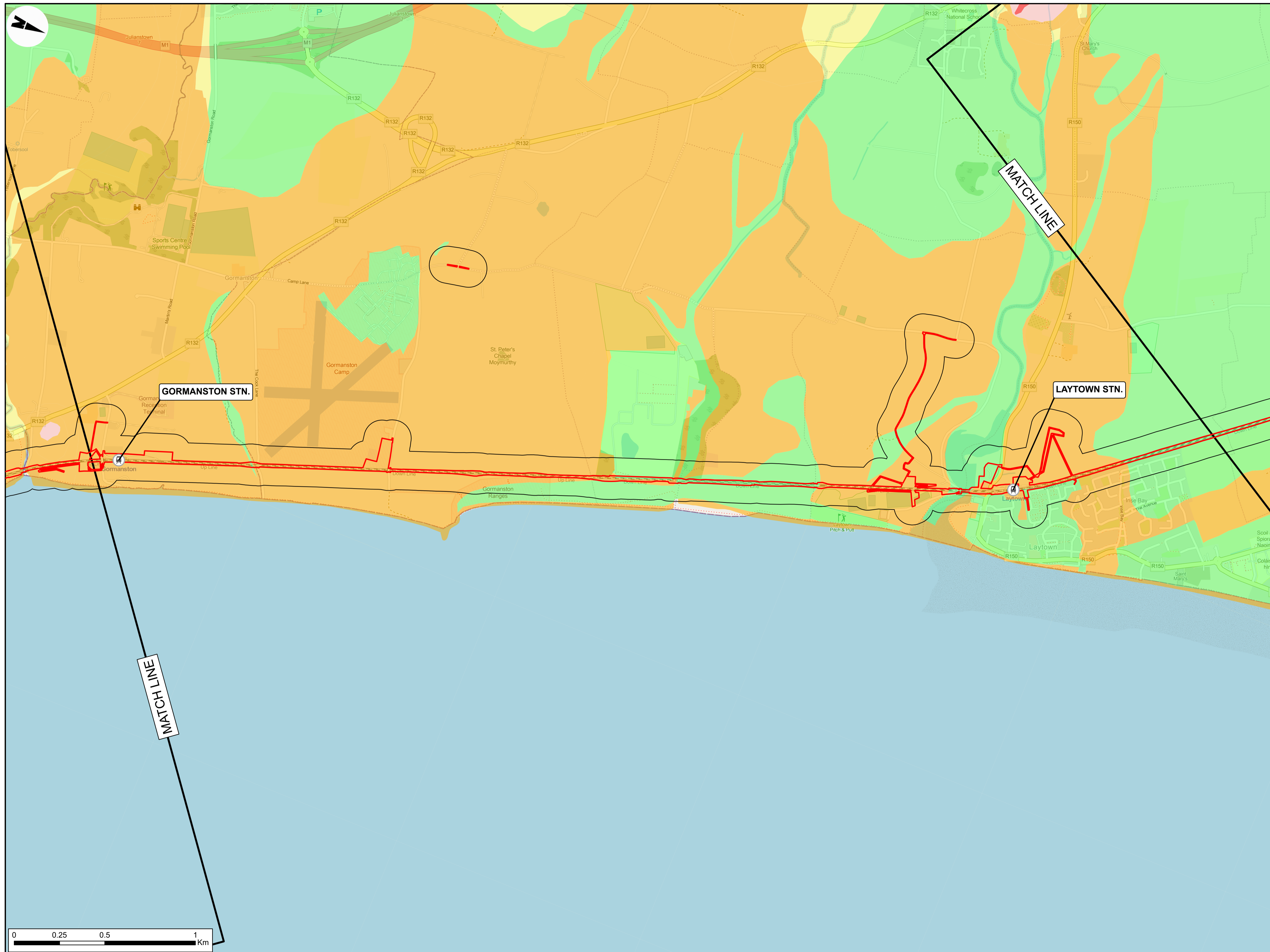
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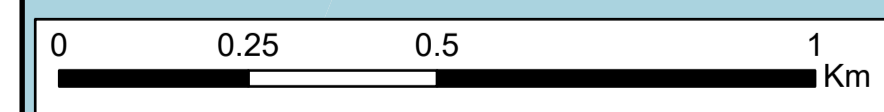
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Drawing Title: HYDROGEOLOGY FIGURE 11.6: GROUNDWATER VULNERABILITY			
Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EVGT-100117	Sheet Number: 7 of 9	Status: S4	Rev: P02



- LEGEND**
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Client: **larnród Éireann Irish Rail**

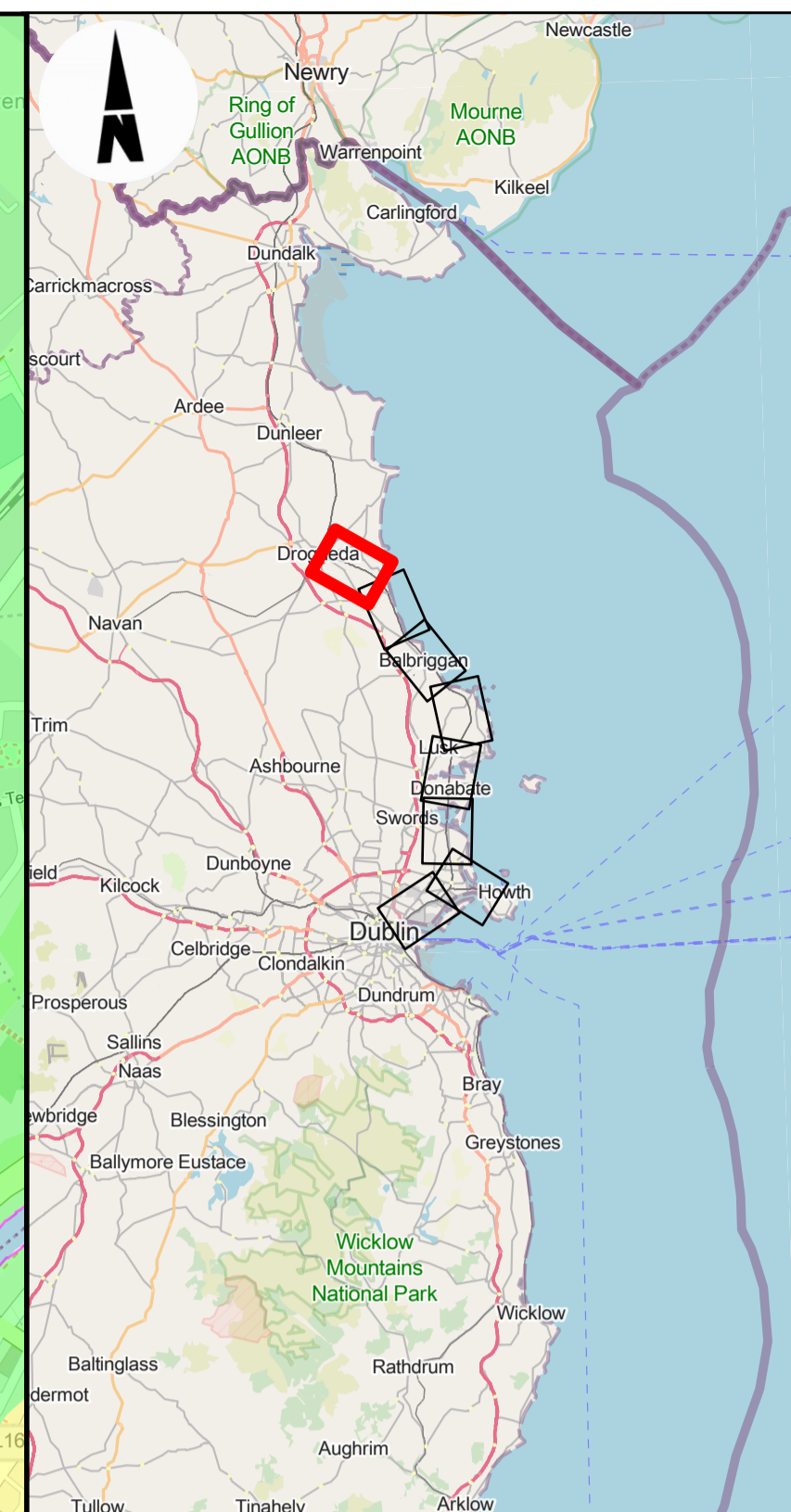
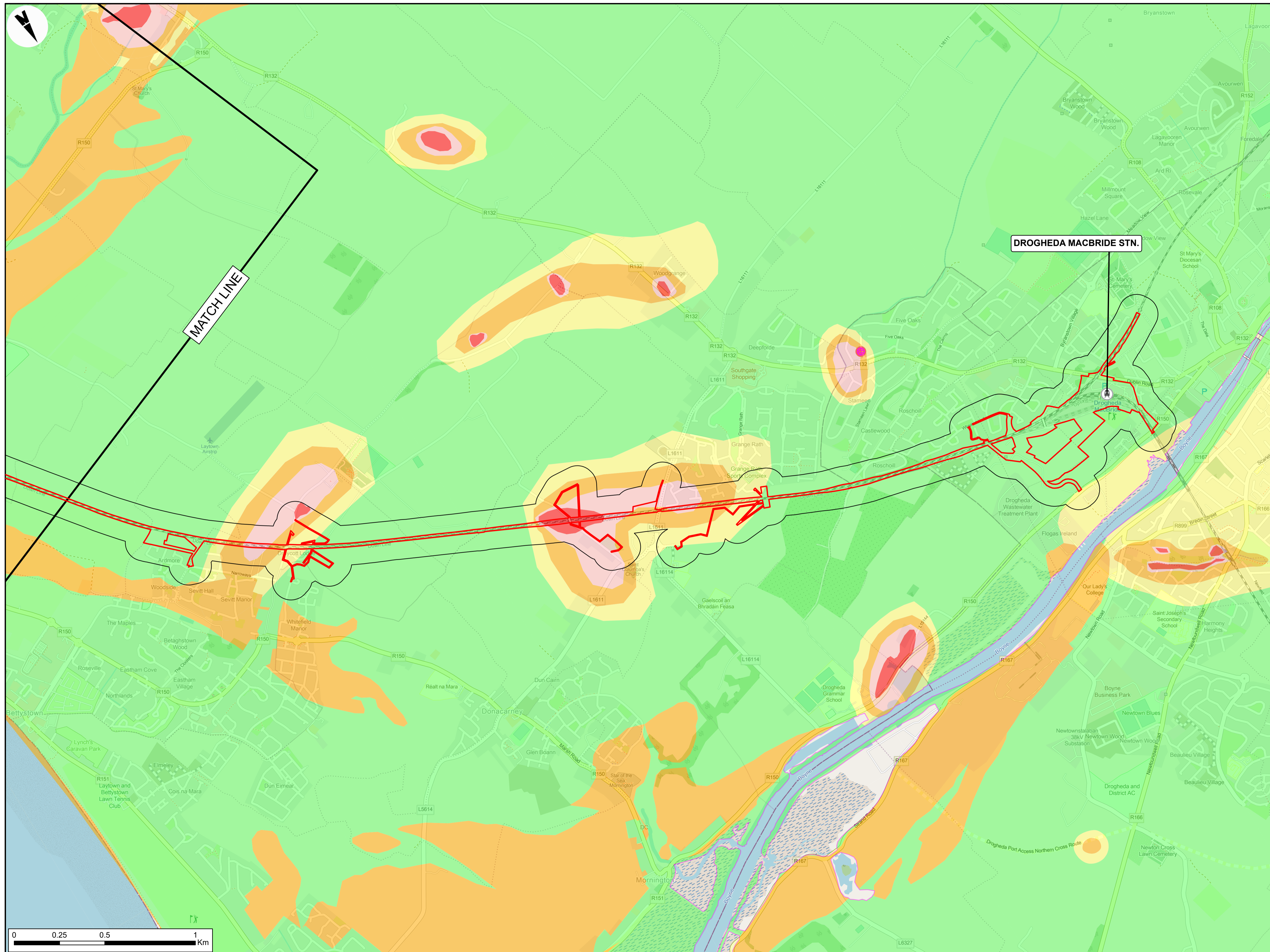
Engineering Designer: **ARUP**

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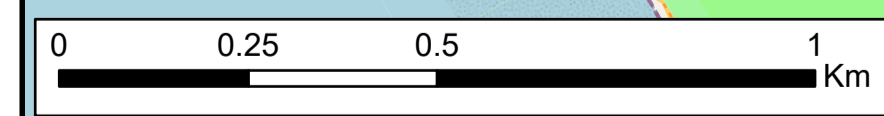
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Drawing Title: HYDROGEOLOGY			
Figure 11.6: GROUNDWATER VULNERABILITY			
Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EVGT-100118	Sheet Number: 8 of 9	Status: S4	Rev: P02



- LEGEND**
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 - KARST LANDFORMS (GSI)**
 - ENCLOSED DEPRESSION
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Client: **lanród 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 11.6: GROUNDWATER VULNERABILITY**

Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EVGT-100119

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