

- LEGEND**
- RAILWAY STATIONS
 - DEVELOPMENT BOUNDARY
 - 100M BUFFER
 - QUATERNARY SEDIMENTS (GSI)**
 - A, ALLUVIUM
 - AG, ALLUVIUM (GRAVELLY)
 - AS, ALLUVIUM (SANDY)
 - BASESK, ESKERS
 - COMPRISED OF GRAVELS OF BASIC REACTION
 - CUT, CUT OVER RAISED PEAT
 - EMBANKMENT
 - FENPT, FEN PEAT
 - GCH, GRAVELS DERIVED FROM CHERT
 - GLPSSS, GRAVELS DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - GLS, GRAVELS DERIVED FROM LIMESTONES
 - GNSSS, GRAVELS DERIVED FROM NAMURIAN SANDSTONES AND SHALES
 - HARDSTAND
 - INDUSTRIAL
 - IRSTBI, IRISH SEA TILL DERIVED FROM BASIC IGNEOUS ROCKS
 - IRSTLPSSS, IRISH SEA TILL DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - IRSTLS, IRISH SEA TILL DERIVED FROM LIMESTONES
 - KARCK, KARTSIFIED BEDROCK OUTCROP OR SUBCROP
 - L, LACUSTRINE SEDIMENTS
 - LANDFILL
 - MGS, MARINE GRAVEL AND SANDS (OFTEN RAISED)
 - MBS, MARINE BEACH SANDS
 - MESC, ESTURINE SILTS AND CLAYS
 - PIER
 - ROCK, BEDROCK OUTCROP OR SUBCROP
 - TBI, TILL DERIVED FROM BASIC IGNEOUS ROCKS
 - TLPSSS, TILL DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - TLS, TILL DERIVED FROM LIMESTONES
 - TNSSS, TILL DERIVED FROM NAMURIAN SANDSTONES AND SHALES
 - TQZ, TILL DERIVED FROM QUARTZITES
 - TDLMR, TIDAL MARSH
 - URBAN
 - WATER
 - WS, WINDBLOWN SANDS
 - WSD, WINDBLOWN SANDS AND DUNES

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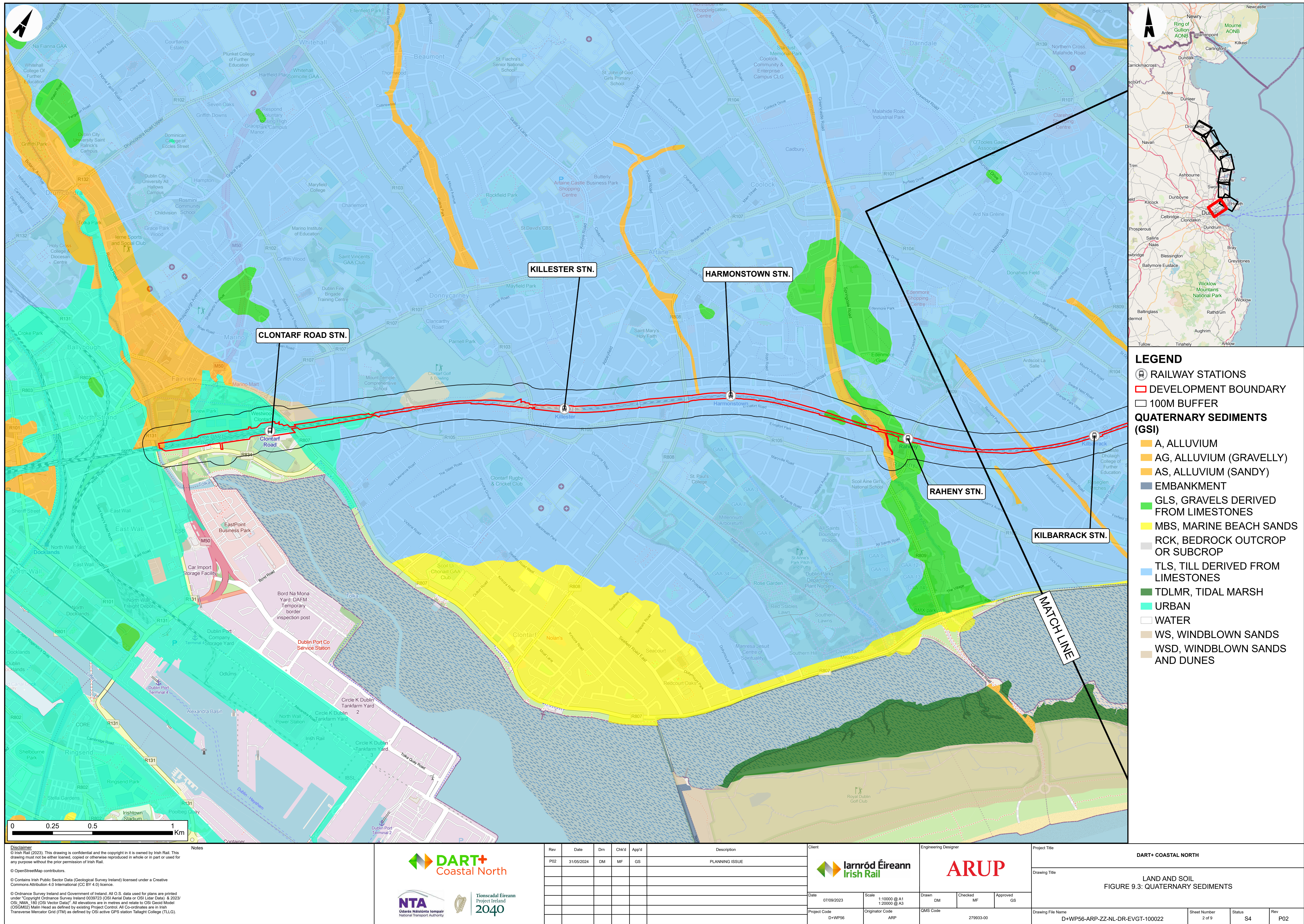


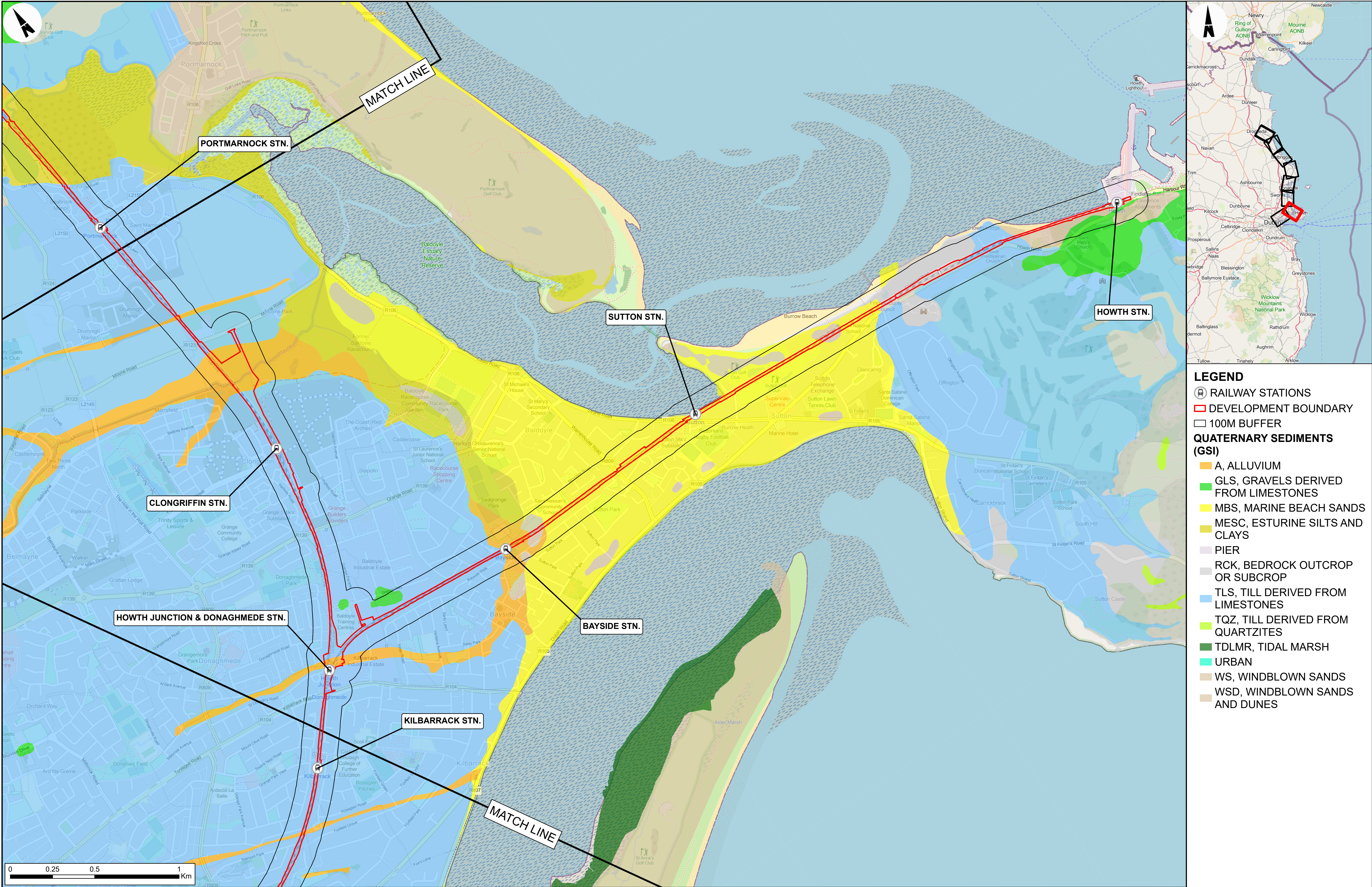
Tionscadal Éireann
Project Ireland
2040

Rev	Date	Dm	Chk'd	App'd	Description
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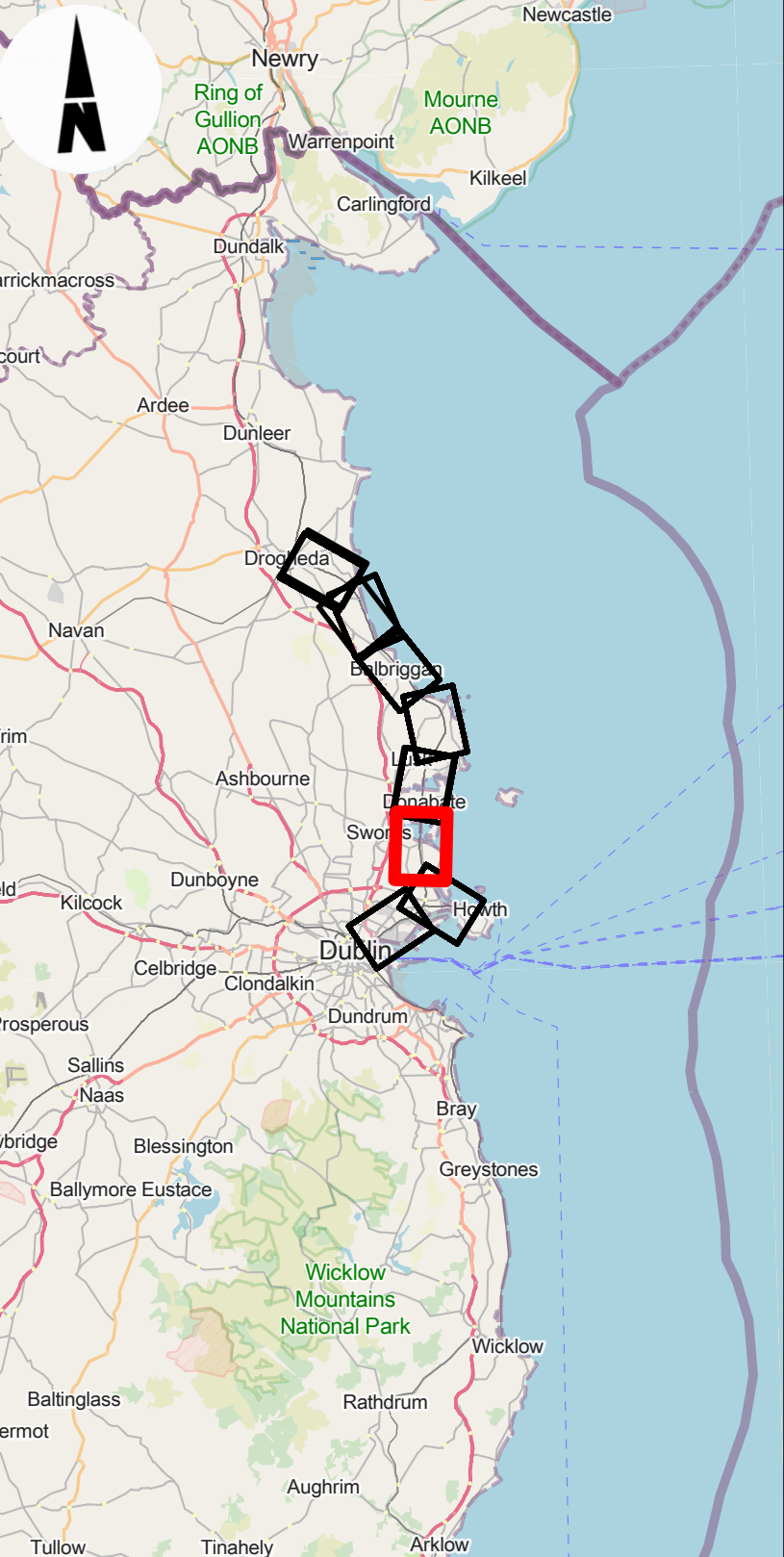
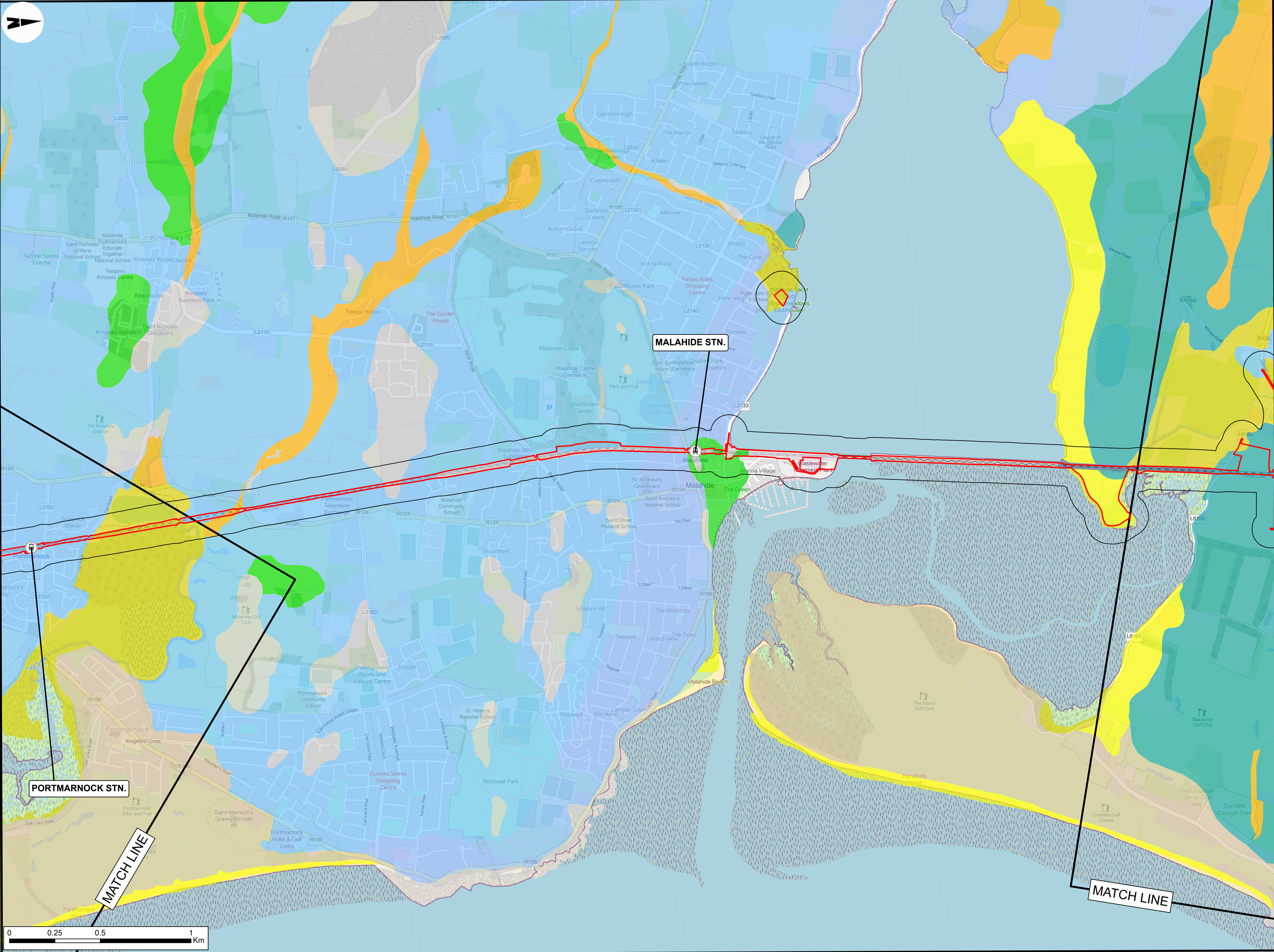
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Iarnród Éireann Irish Rail		ARUP	
Date	07/09/2023	Scale	1:75000 @ A1 1:150000 @ A3
Project Code	D+WP56	Originator Code	ARP
Drawn		Checked	Approved
DM		MF	GS
OMS Code		279933-00	

Project Title		DART+ COASTAL NORTH	
Drawing Title		LAND AND SOIL FIGURE 9.3: QUATERNARY SEDIMENTS OVERVIEW	
Drawing File Name	D+WP56-ARP-ZZ-NL-DR-EVGT-100021	Sheet Number	1 of 9
Status	S4	Rev	P02





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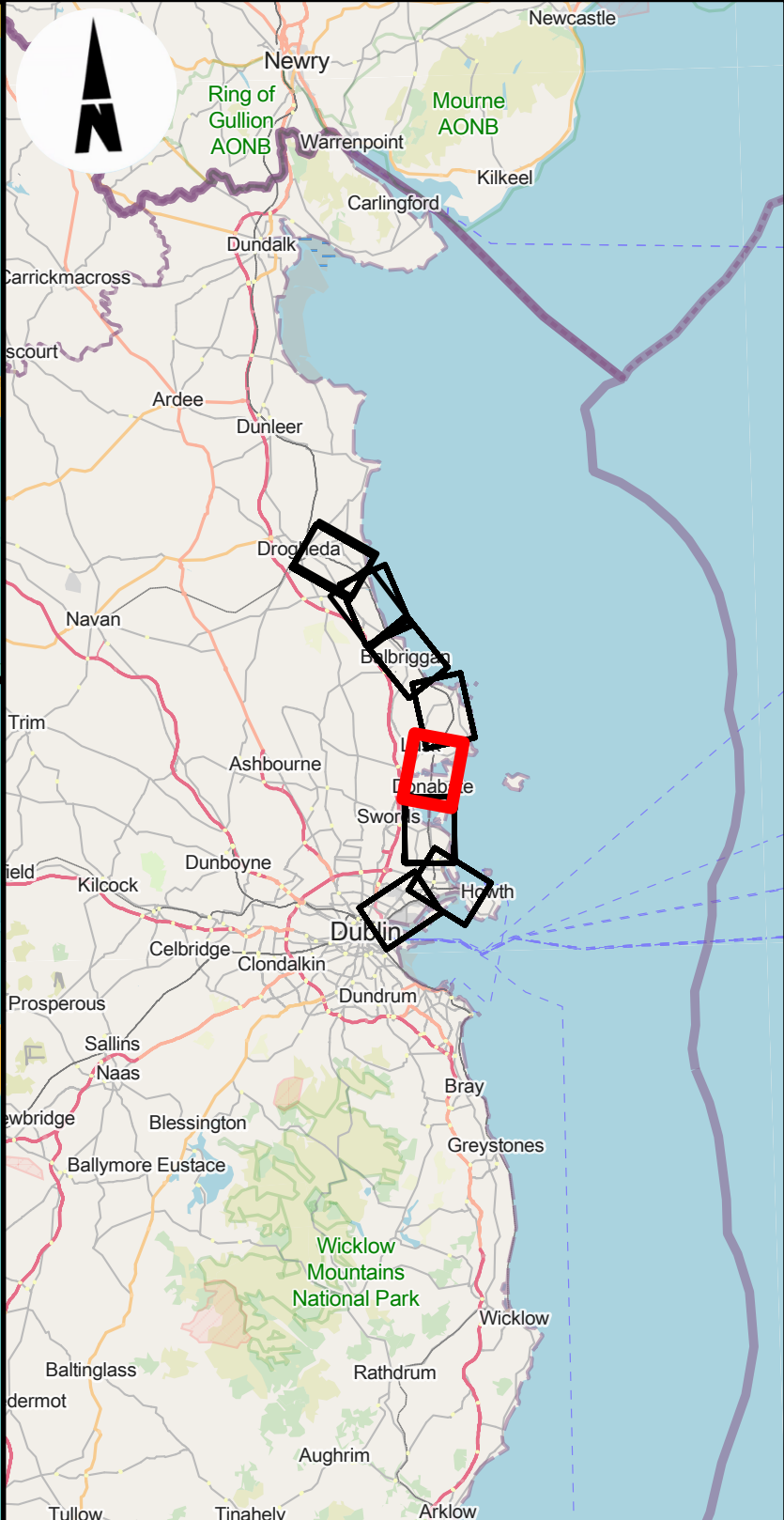
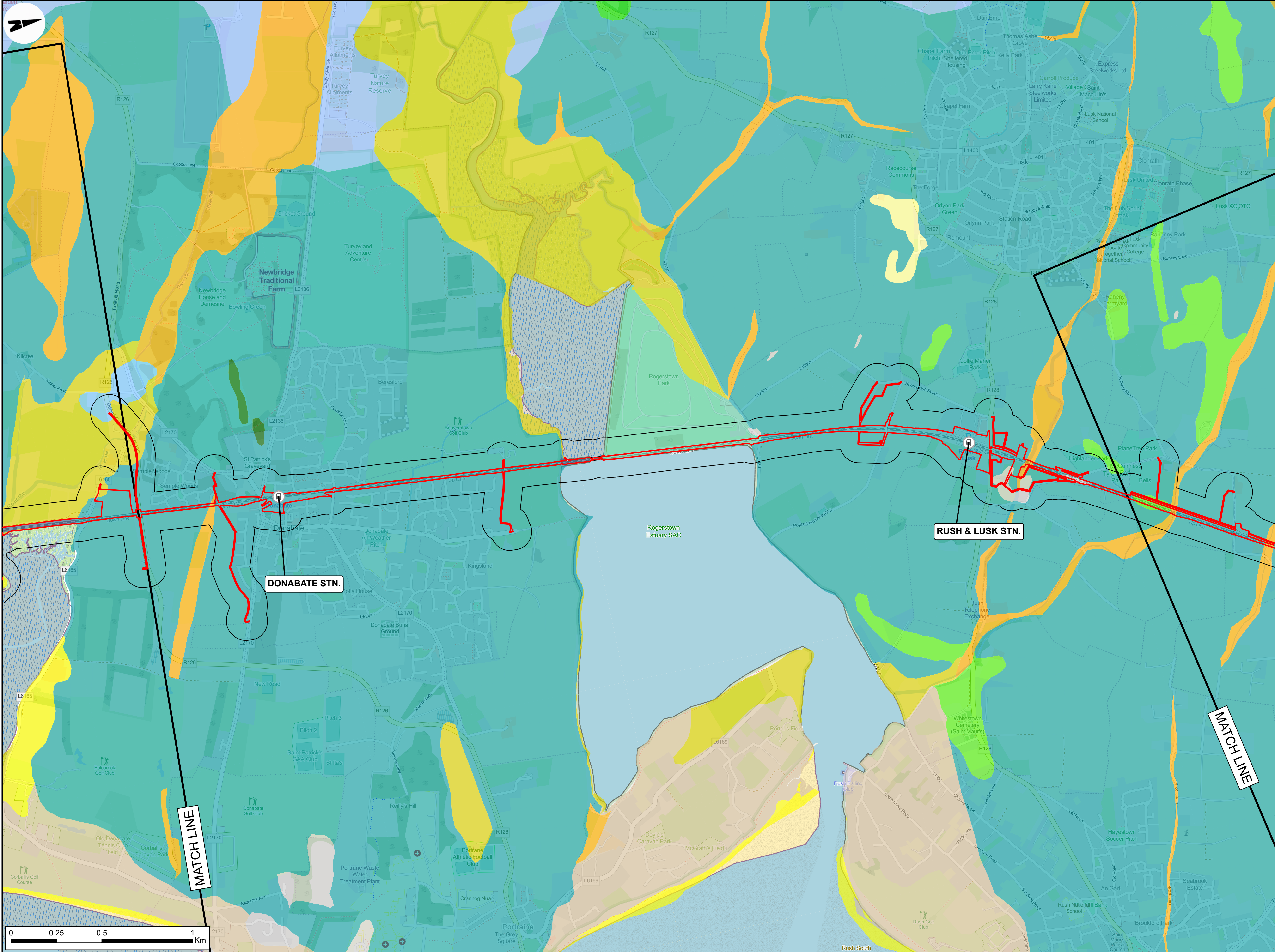


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P02	31/05/2024	DM	MF	GS	PLANNING ISSUE

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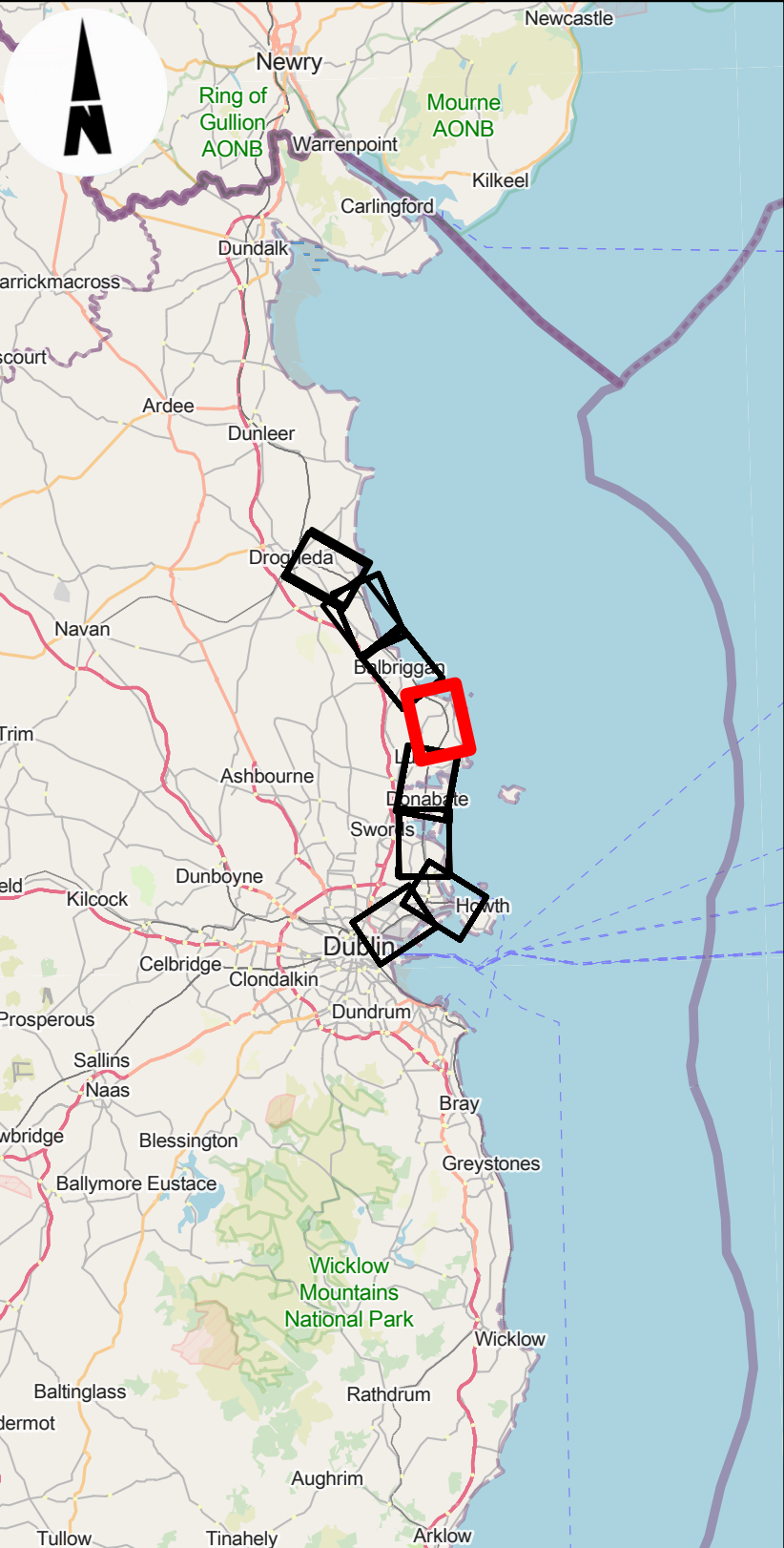
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Checked	MF
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QMS Code	
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Project Title			
DART+ COASTAL NORTH			
Drawing Title			
LAND AND SOIL FIGURE 9.3: QUATERNARY SEDIMENTS			
Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVGT-100024	4 of 9	S4	P02



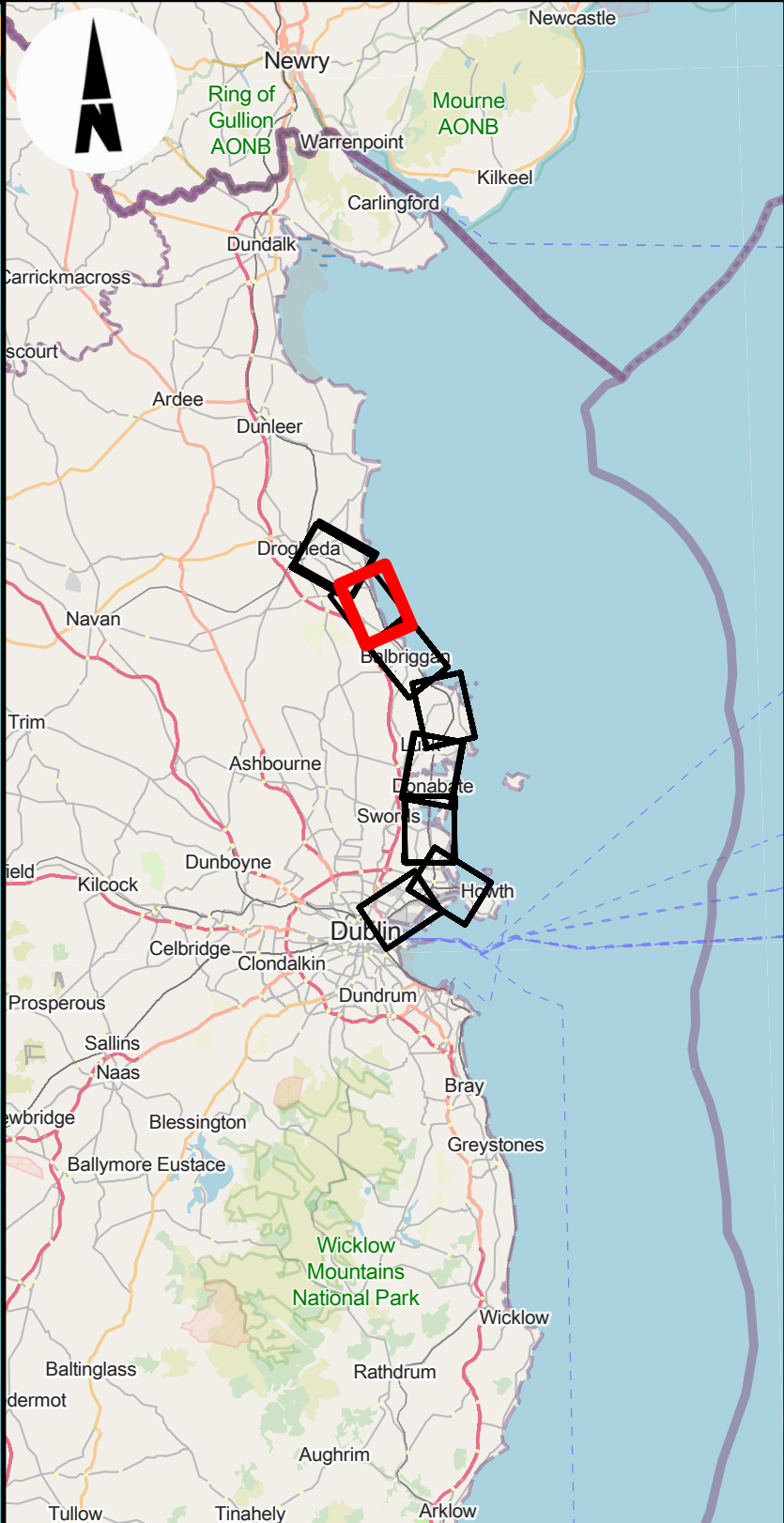
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 - GLPSSS, GRAVELS DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - GNSSS, GRAVELS DERIVED FROM NAMURIAN SANDSTONES AND SHALES
 - IRSTBI, IRISH SEA TILL
 - DERIVED FROM BASIC IGNEOUS ROCKS
 - IRSTLPSSS, IRISH SEA TILL DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - KARCK, KARTSIFIED BEDROCK OUTCROP OR SUBCROP
 - MBS, MARINE BEACH SANDS
 - PIER
 - RCK, BEDROCK OUTCROP OR SUBCROP
 - TLPSSS, TILL DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - TNSSS, TILL DERIVED FROM NAMURIAN SANDSTONES AND SHALES
 - WS, WINDBLOWN SANDS

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- LEGEND**
- RAILWAY STATIONS
 - DEVELOPMENT BOUNDARY
 - 100M BUFFER
 - QUATERNARY SEDIMENTS (GSI)**
 - A, ALLUVIUM
 - CUT, CUT OVER RAISED PEAT
 - GLPSSS, GRAVELS DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - GLS, GRAVELS DERIVED FROM LIMESTONES
 - IRSTLPSSS, IRISH SEA TILL DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - KARCK, KARTSIFIED BEDROCK OUTCROP OR SUBCROP
 - L, LACUSTRINE SEDIMENTS
 - MBS, MARINE BEACH SANDS
 - MESC, ESTURINE SILTS AND CLAYS
 - TLPSSS, TILL DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - TLS, TILL DERIVED FROM LIMESTONES
 - WS, WINDBLOWN SANDS
 - WSD, WINDBLOWN SANDS AND DUNES

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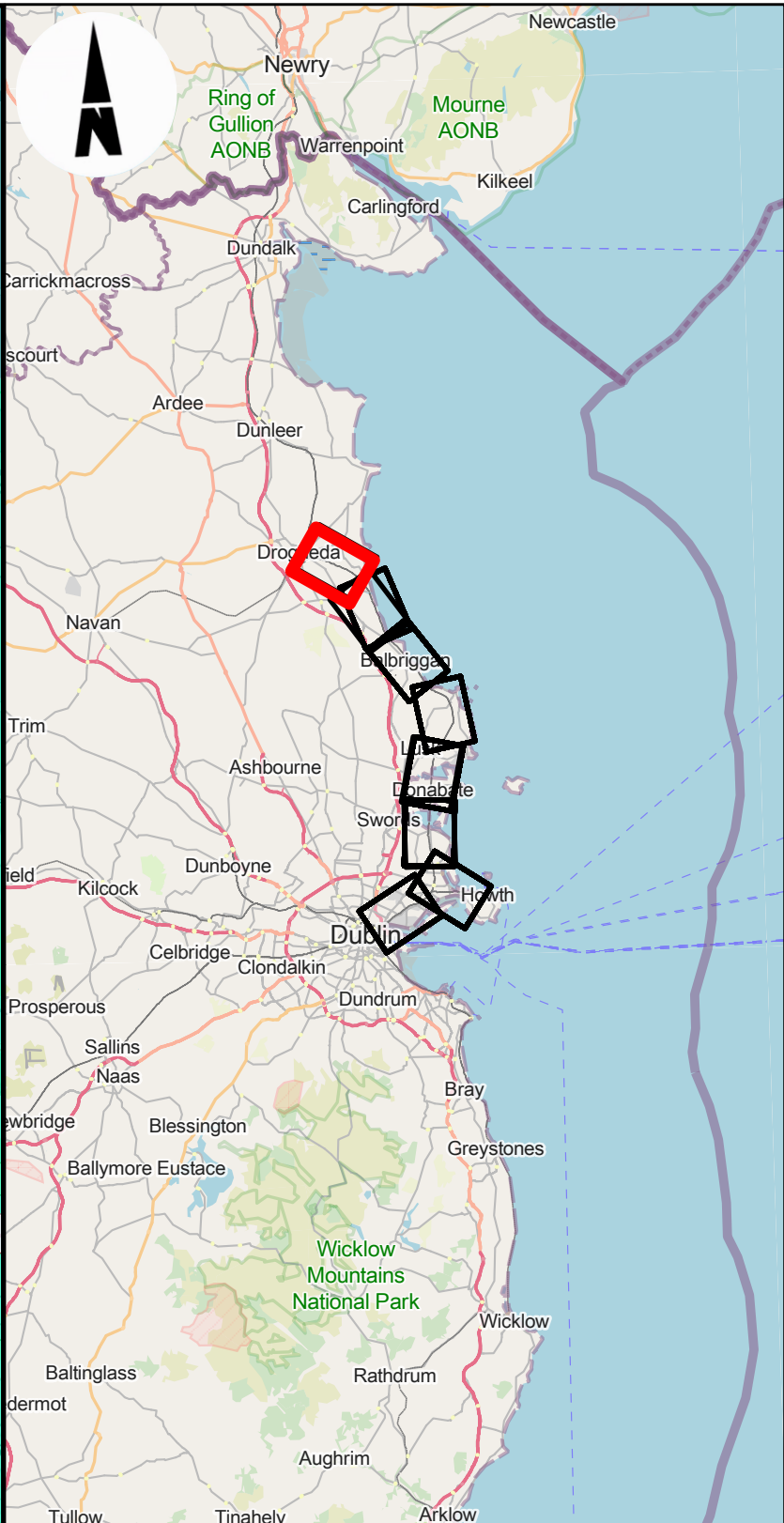
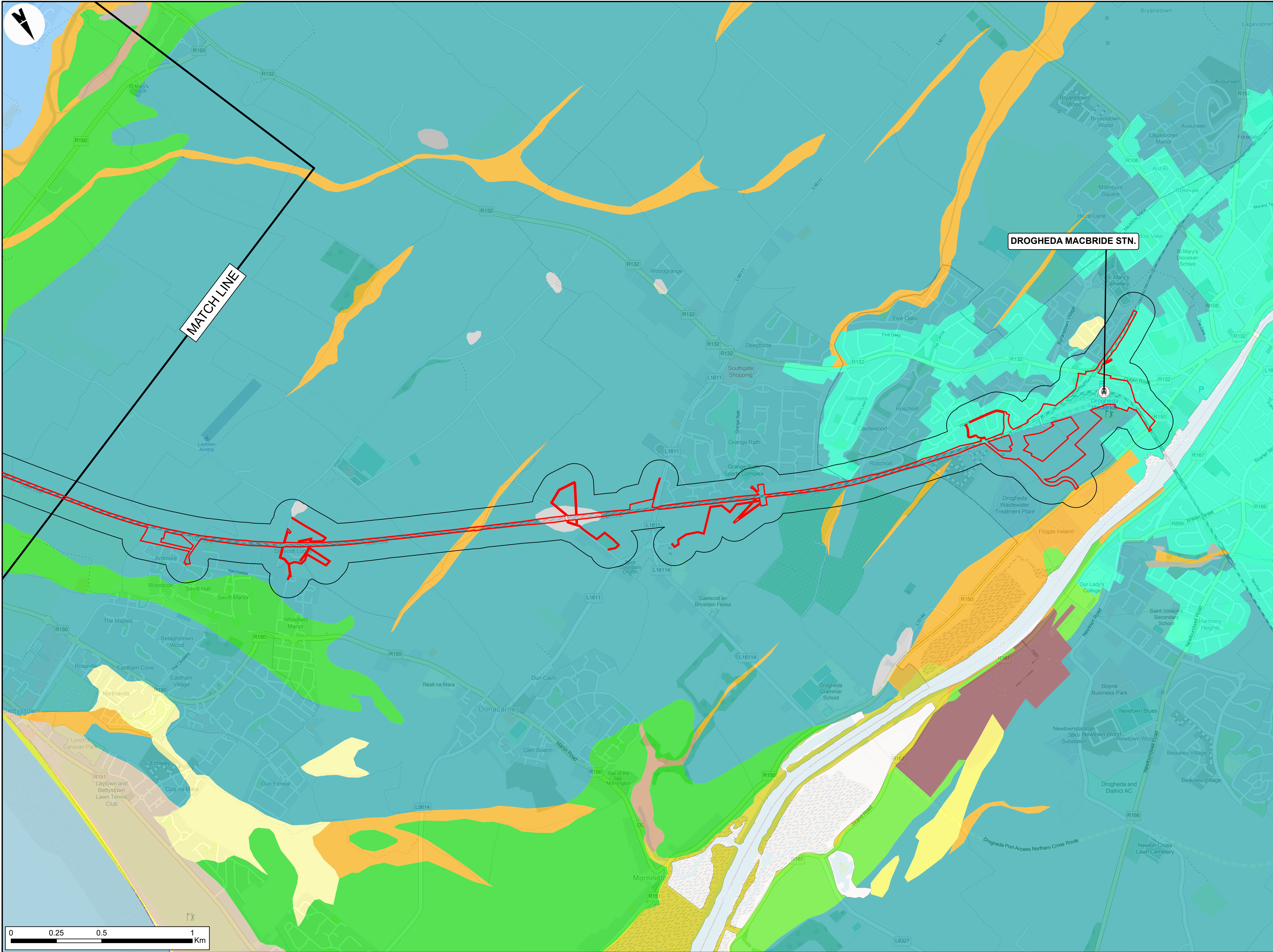
Notes



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

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

Project Title			
DART+ COASTAL NORTH			
Drawing Title			
LAND AND SOIL FIGURE 9.3: QUATERNARY SEDIMENTS			
Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVGT-100028	8 of 9	S4	P02



- LEGEND**
- RAILWAY STATIONS
 - DEVELOPMENT BOUNDARY
 - 100M BUFFER
 - QUATERNARY SEDIMENTS (GSI)**
 - A, ALLUVIUM
 - CUT, CUT OVER RAISED PEAT
 - GLPSSS, GRAVELS DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - GLS, GRAVELS DERIVED FROM LIMESTONES
 - INDUSTRIAL
 - IRSTLPSSS, IRISH SEA TILL DERIVED FROM LOWER PALAEOZOIC SANDSTONES AND SHALES
 - KARCK, KARTSIFIED BEDROCK OUTCROP OR SUBCROP
 - L, LACUSTRINE SEDIMENTS
 - MGS, MARINE GRAVEL AND SANDS (OFTEN RAISED)
 - MBS, MARINE BEACH SANDS
 - MESC, ESTURINE SILTS AND CLAYS
 - RCK, BEDROCK OUTCROP OR SUBCROP
 - TLS, TILL DERIVED FROM LIMESTONES
 - URBAN
 - WATER
 - WSD, WINDBLOWN SANDS AND DUNES

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