



**Legend**

- DART+ West Railway Line
- Level Crossing & Stations
- Proposed Level Crossing Closure (Replacement Structure to be Provided as Required)
- Stations
- Construction Compounds (Temporary)
- Construction Compounds (Permanent)
- Sub-Stations
- Proposed Spencer Dock Station
- Proposed Depot Area

**Legend**

Allen Andesite Formation, Andesite	Mudbank limestone, Mudbank limestone
Aptle	Mullaghlin Formation, Pale grey limestone
BRAY GROUP	Namurian (undifferentiated), Shale & sandstone
Boston Hill Formation, Nodular & muddy limestone & shale	Naul Formation, Calcarenite & calcisiltite
Bray Head Formation, Greywacke & quartzite	Pipers Gul Formation, Greywacke sandstone
Cap, Dark grey to black limestone & shale	Poliphuca Formation, Coarse greywacke & shale
Carrigill Formation, Calcarenous greywacke siltstone & shale	Portlaoine Limestone Formation, Thinly bedded bioclastic limestone
Oghlan Sandstone Formation, Thick-bedded grey sandstone with shale	Rickardstown Formation, Cherty often dolomitised limestone
Conlanstown Formation, Dark green-grey shale & siltstone	State Quarries Formation, Slate & greywacke
Dolville, basalt and gabbro	Smugglers Cave Formation, Conglomerate & lentic sandstone
Donabate Formation, Red coarse sandstone & conglomerate	St. Ita's Formation, Greywacke sandstone & siltstone
Dowery Hill Member, Andesite breccia & shale	Tipperkevin Formation, Greywacke & shale
Drumlick Formation, quartzite & mudstone melange	Type 1 granodiorite, Fine-grained granodiorite to granite
Enderbury Odite Member, Odolite limestone	Type 2e equigranular, Pale grey fine to coarse-grained granite
Elmore Formation, Polymict melange	Type 2p microporphyritic, Granite with microcline phenocrysts
Ferbane Mudstone Formation, Laminated & burrowed shale & sandstone	Type 3 muscovite porphyritic, Granite with muscovite phenocrysts
Orange Hill Formation, Olive calcareous siltstone & shale	Type 4 muscovite/microcline porphy, Muscovite/microcline porphyritic granite
Hippy Hole Formation, Multicoloured greywacke & bentonite	Volcanics, Mafic & felsic volcanic tuff
Knockree Member, Quartzite	Waulsortian Limestones, Massive unbedded lime-mudstone
Lucan Formation, Dark limestone & shale (cap)	in Bray Head Formation, Quartzite

V 01	May 2021	Public Consultation	MMC	FOK	BC
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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 Survey No. 0039721 (OSI Aerial Data or OSI LIDAR Data) | Survey No. 2021/081\_NMA\_180 (OSI Vector Data).  
 All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control.  
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (ITLG).

Client

Tionscald Eireann Project Ireland 2040

NTA Údarás Náisiúnta Iompar National Transport Authority

Consultant

IDOM

IRROD

Project

DART+ West

Drawing Title

OPTION SELECTION AQUIFER BED

Scale: 1:40,000

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

MAY | MDC | ENV | ROUT | DR | V | 0006 | B

Date: May 2021 | Job No: P/101086 | Status: S4 - Suitable for Acceptance | Rev: V 01 | Sheet: 1 of 1