

AECOM

PROJECT
H2Teesside DCO

APPLICANT
H2 Teesside Limited

CONSULTANT
AECOM Limited
100 Embankment,
Cathedral Approach,
Manchester, M3 7FB
www.aecom.com

- LEGEND**
- Proposed Development Site
 - Proposed Development Site - 250 m Buffer
 - Carbon Dioxide - Export Pipeline
 - Carbon Dioxide - Above Ground Installation
 - Bedrock Geology (BGS 50k)**
 - Mercia Mudstone Group – Mudstone
 - Penarth Group – Mudstone
 - Redcar Mudstone Formation – Mudstone
 - Sherwood Sandstone Group - Sandstone

Groundsure search area is based on the Red Line Boundary available at the time of the data purchase (March 2023).

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ISSUE PURPOSE
Environmental Statement

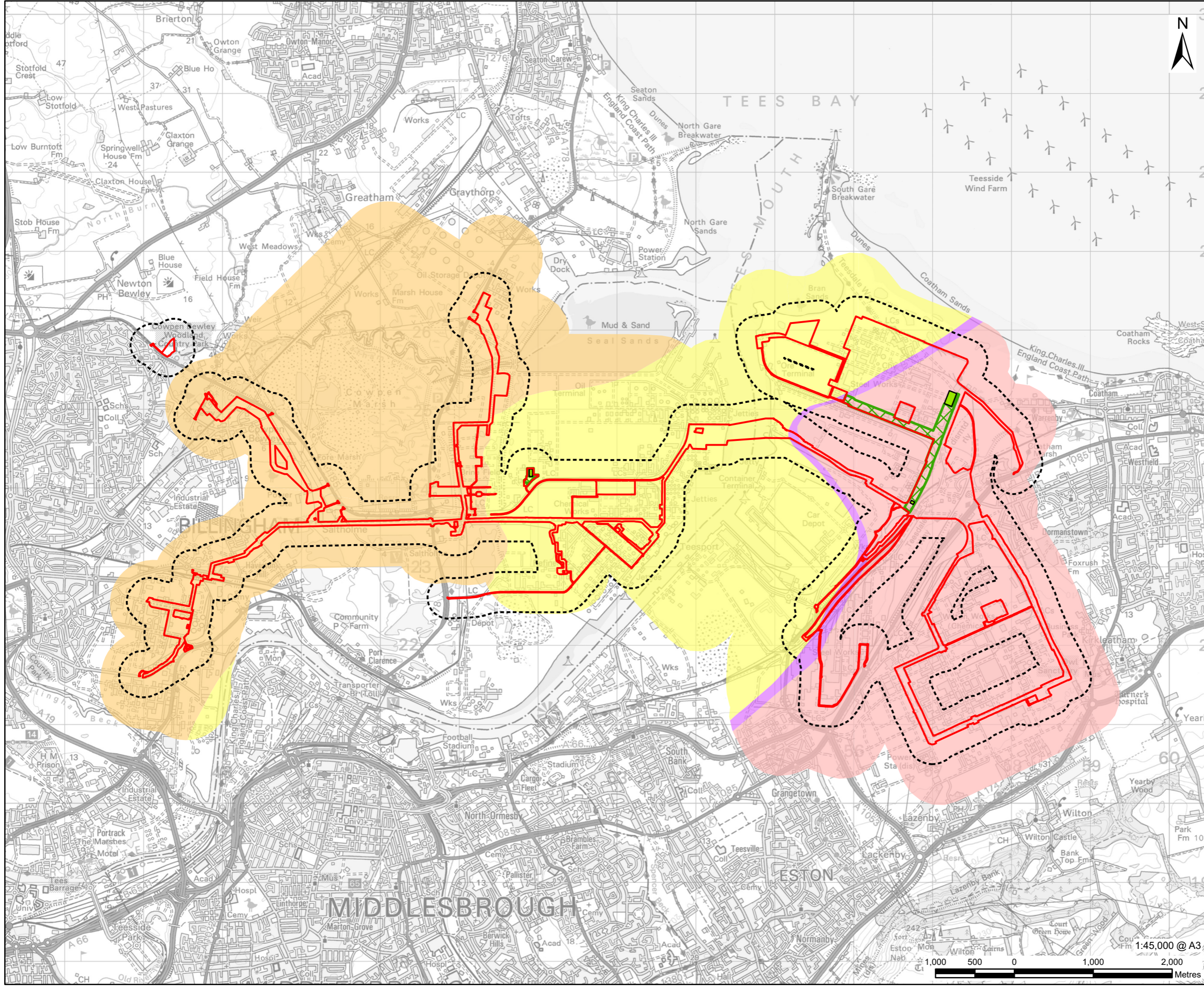
PROJECT NUMBER
60689030

FIGURE TITLE
Bedrock Geology - Carbon Dioxide Export Pipeline and High-Pressure Compression Station

FIGURE NUMBER
Figure 10-3b



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- LEGEND**
- Proposed Development Site
 - Proposed Development Site - 250 m Buffer
 - Natural Gas Connection Works**
 - Natural Gas Connection - Underground High Pressure Gas Pipeline
 - Natural Gas Connection - Above Ground Installation
 - Bedrock Geology (BGS 50k)**
 - Mercia Mudstone Group – Mudstone
 - Penarth Group – Mudstone
 - Redcar Mudstone Formation – Mudstone
 - Sherwood Sandstone Group - Sandstone

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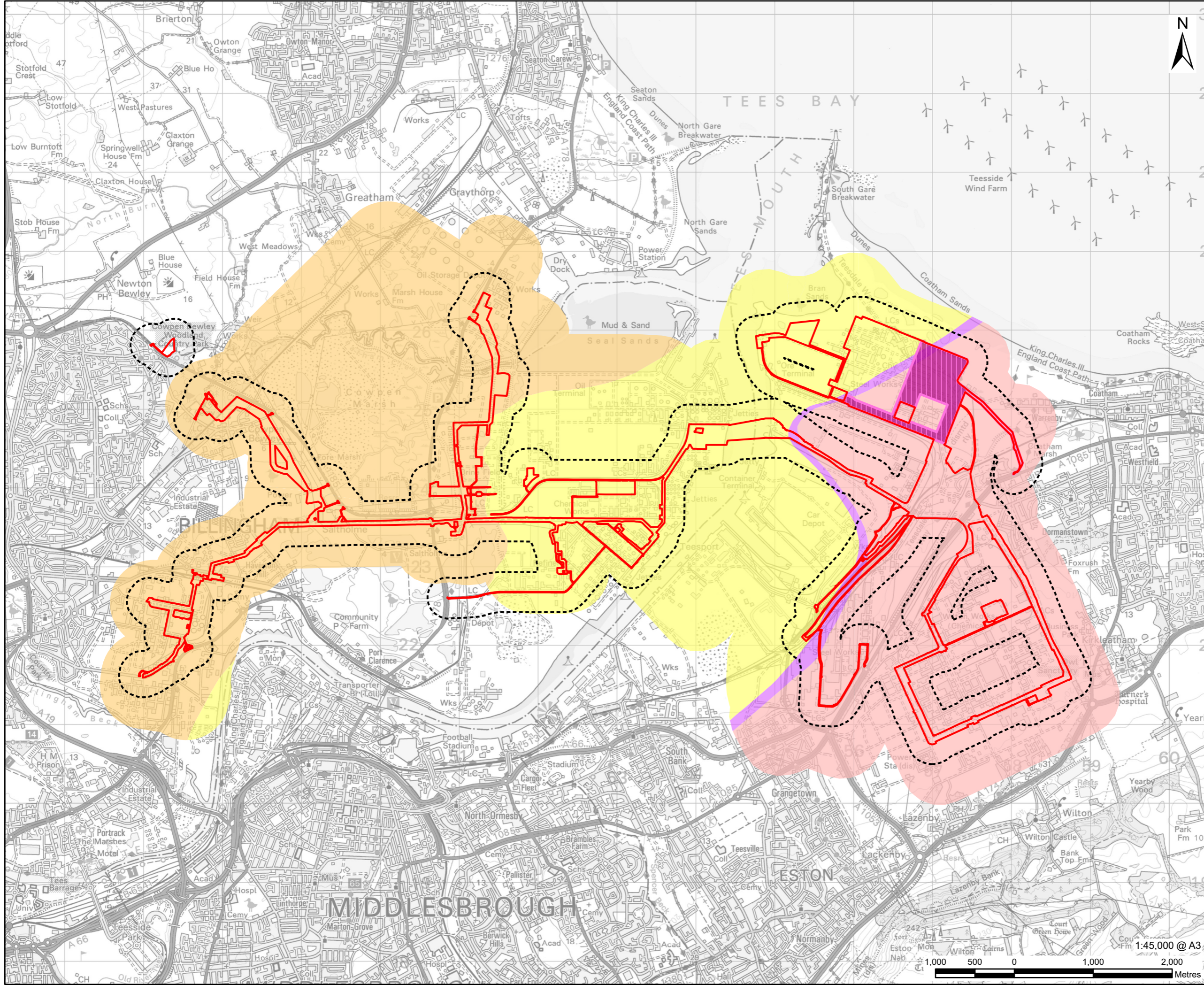
PROJECT NUMBER
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FIGURE TITLE
Bedrock Geology - Natural Gas Connection Works

FIGURE NUMBER
Figure 10-3c



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- LEGEND**
- Proposed Development Site
 - Proposed Development Site - 250 m Buffer
 - Water Supply Connection Works**
 - Water Supply Connection Works
 - Wastewater Disposal Works
 - Bedrock Geology (BGS 50k)**
 - Mercia Mudstone Group – Mudstone
 - Penarth Group – Mudstone
 - Redcar Mudstone Formation – Mudstone
 - Sherwood Sandstone Group - Sandstone

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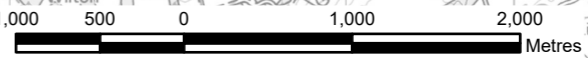
ISSUE PURPOSE
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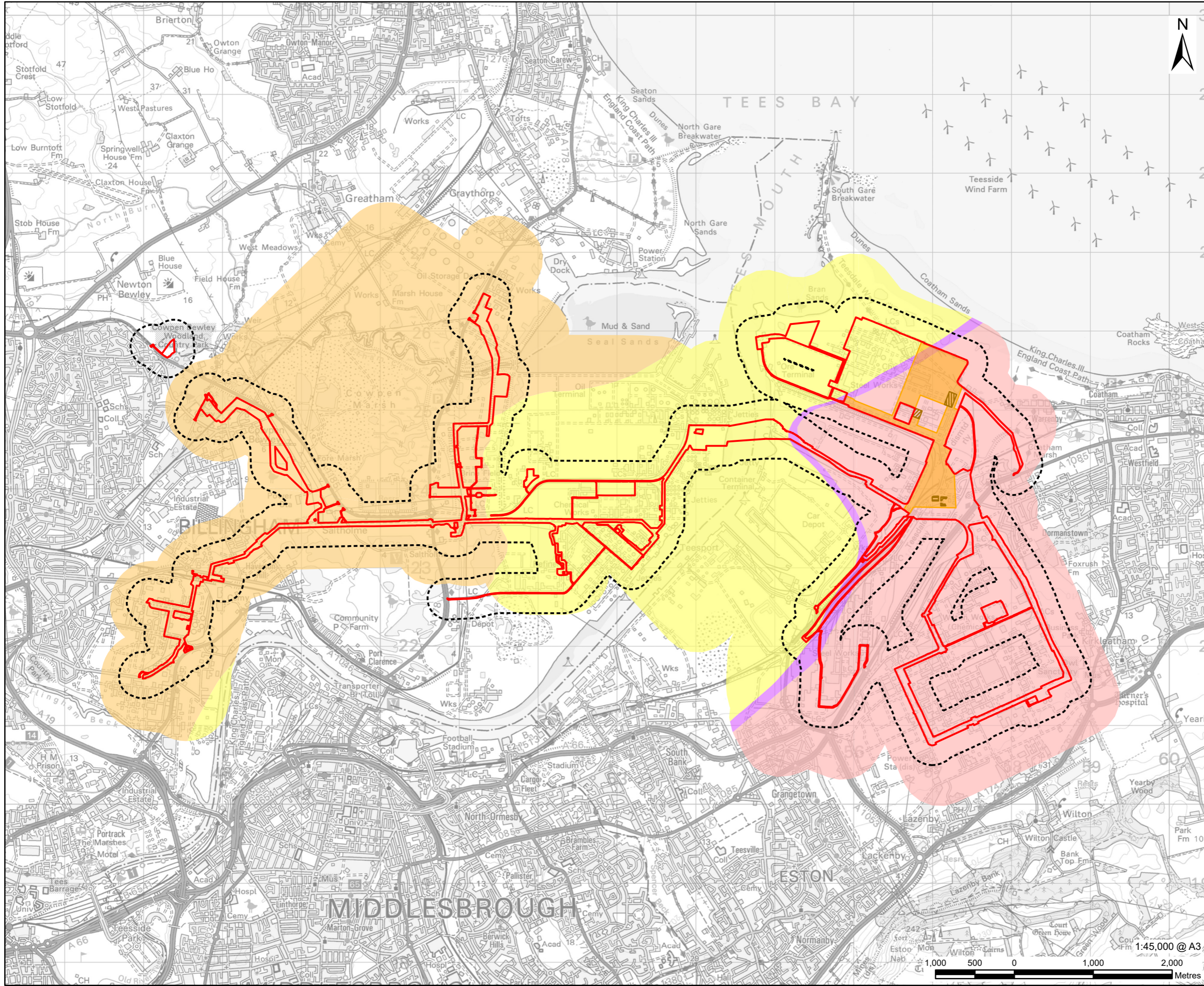
PROJECT NUMBER
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FIGURE TITLE
Bedrock Geology - Water and Wastewater Connection Works

FIGURE NUMBER
Figure 10-3d

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- LEGEND**
- Proposed Development Site
 - Proposed Development Site - 250 m Buffer
 - Electrical Connection Works**
 - Above Ground Installation
 - Connecting Work No. 3A to Pellet-Sinter Substation
 - Above Ground Installation Connecting Work No. 3A to Tod Point Substation
 - Above Ground Installation Connecting Work No. 3A to a New Substation
 - Bedrock Geology (BGS 50k)**
 - Mercia Mudstone Group – Mudstone
 - Penarth Group – Mudstone
 - Redcar Mudstone Formation – Mudstone
 - Sherwood Sandstone Group - Sandstone

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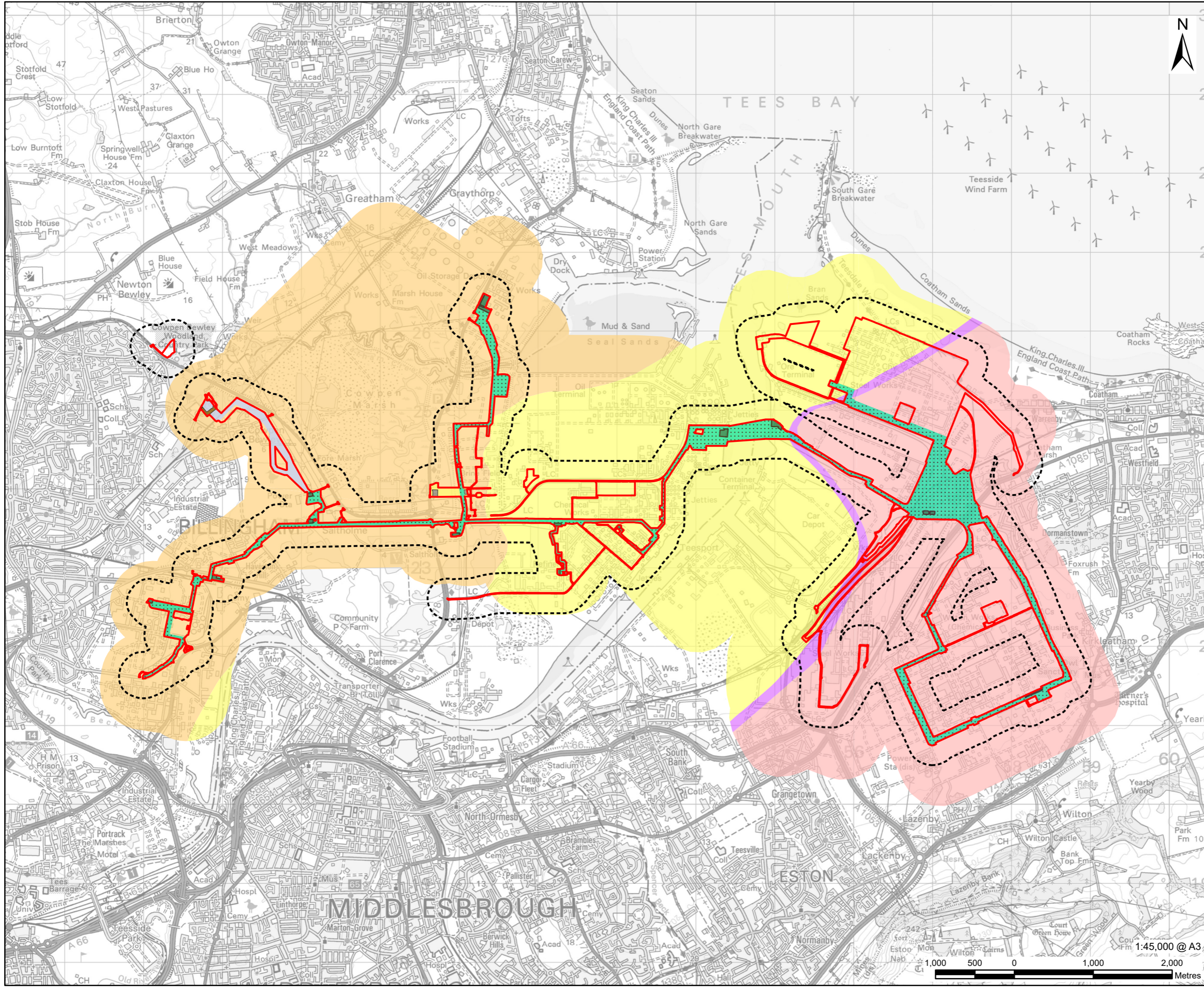
PROJECT NUMBER
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FIGURE TITLE
Bedrock Geology - Electrical Connection Works

FIGURE NUMBER
Figure 10-3e



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LEGEND

- Proposed Development Site
- Proposed Development Site - 250 m Buffer
- Hydrogen Distribution Network**
- Overground and Underground Pipelines
- Overground and Underground Pipelines to connect to Work No. 6B.2
- Overground and Underground Pipelines to connect to Work No. 6B.3
- Above Ground Installations
- Above Ground Installation at Cowpen Bewley
- Above Ground Installation at Saltholme Brinefields
- Bedrock Geology (BGS 50k)**
- Mercia Mudstone Group – Mudstone
- Penarth Group – Mudstone
- Redcar Mudstone Formation – Mudstone
- Sherwood Sandstone Group - Sandstone

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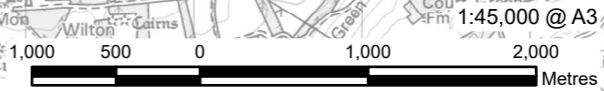
60689030

FIGURE TITLE

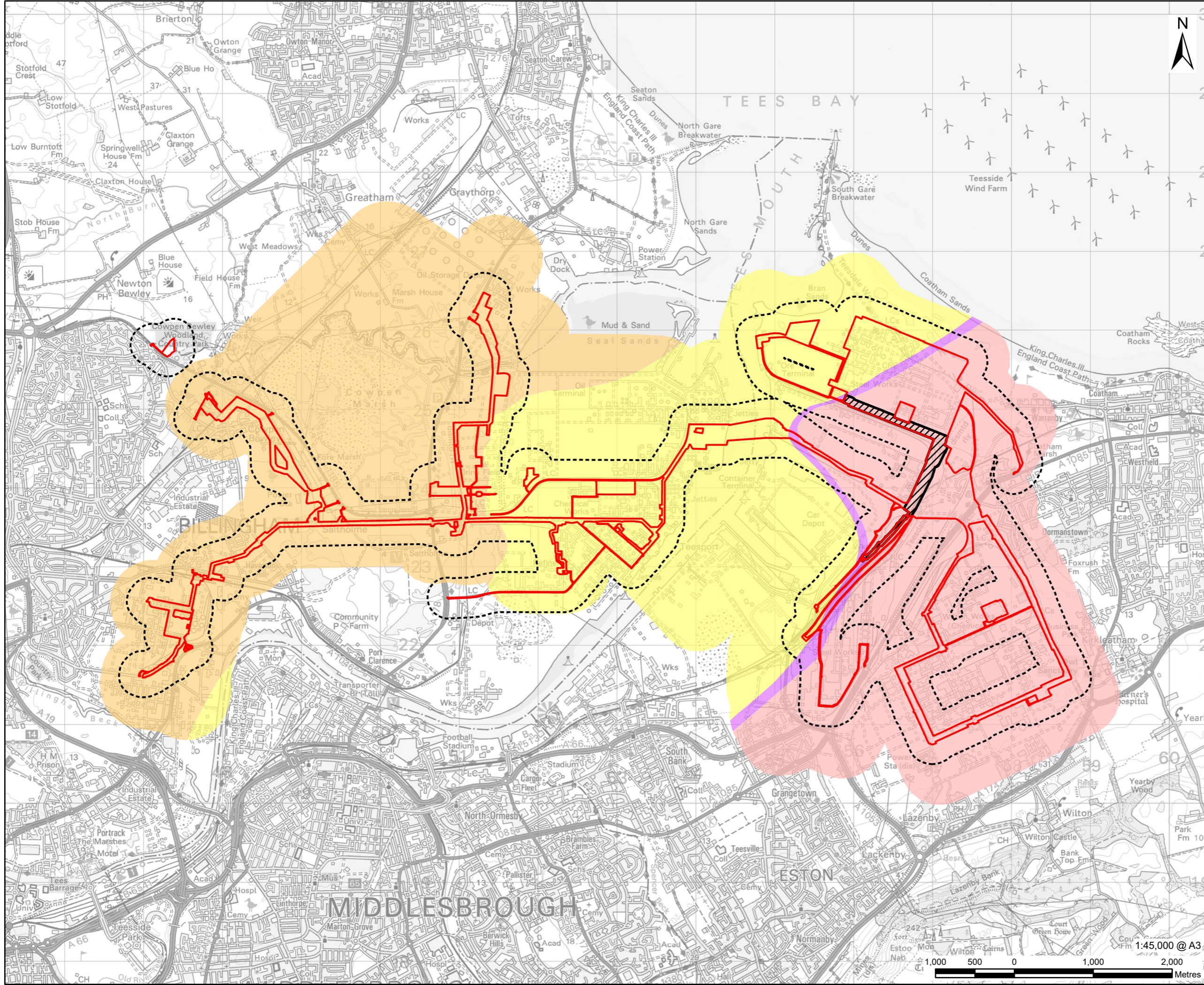
Bedrock Geology - Hydrogen Distribution Network

FIGURE NUMBER

Figure 10-3f



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- LEGEND**
- Proposed Development Site
 - Proposed Development Site - 250 m Buffer
 - Oxygen and Nitrogen Gas Connections
 - Bedrock Geology (BGS 50k)**
Mercia Mudstone Group – Mudstone
 - Penarth Group – Mudstone
 - Redcar Mudstone Formation – Mudstone
 - Sherwood Sandstone Group - Sandstone

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Environmental Statement

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FIGURE TITLE
Bedrock Geology - Oxygen and Nitrogen Gas Connections

FIGURE NUMBER
Figure 10-3g



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