

# 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
  - Main Site
  - Artificial Geology (BGS 50k)
  - Made Ground (Undivided)

- NOTES**
- 1: Reproduced from Ordnance Survey digital map data © Crown copyright 2024. All rights reserved. Licence number 0100031673.
  - 2: Data provided by © Groundsure (2023)
  - 3: Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.
  - 4: Groundsure search area is based on the Red Line Boundary available at the time of the data purchase (March 2023).

**ISSUE PURPOSE**  
Environmental Statement

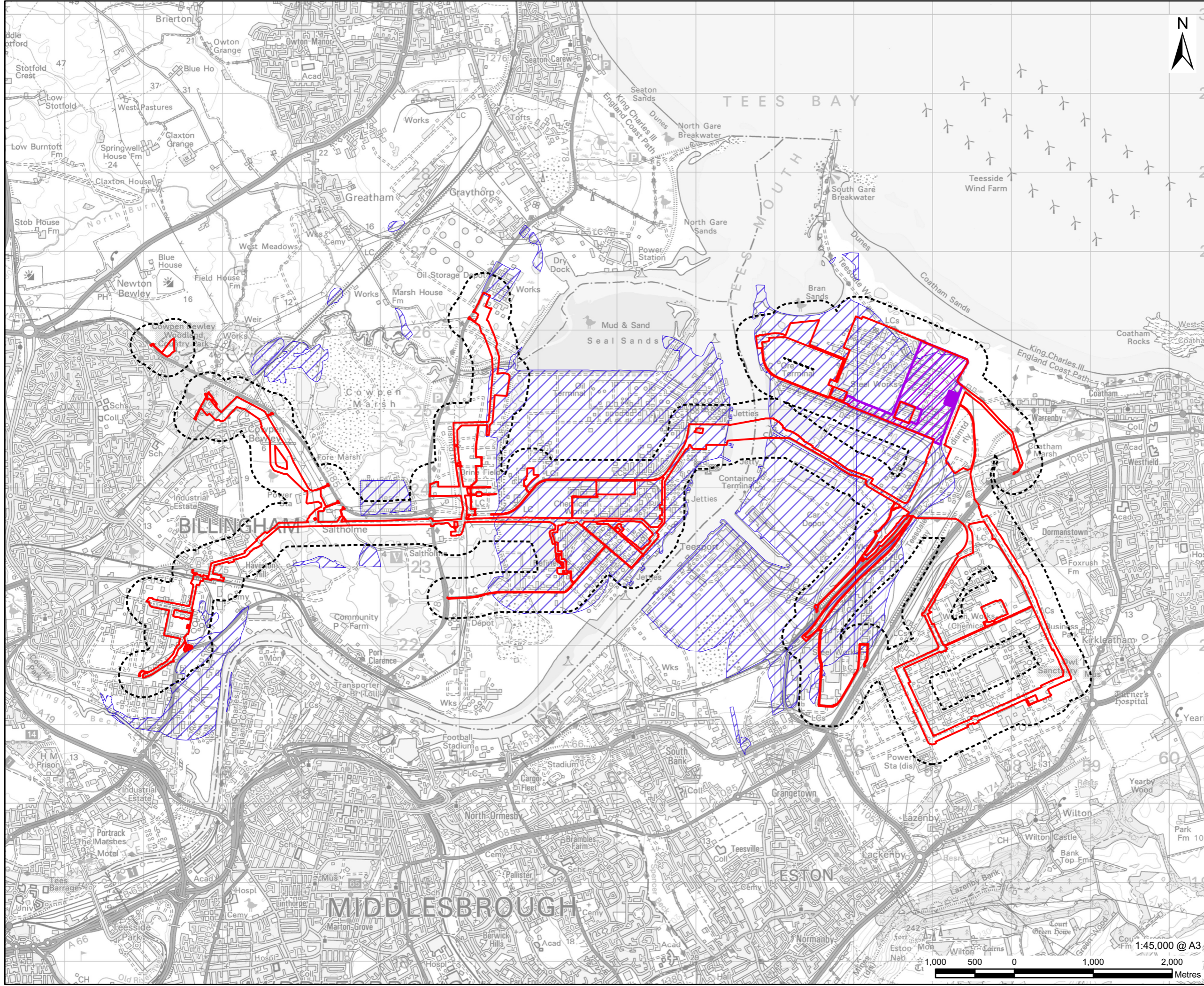
**PROJECT NUMBER**  
60689030

**FIGURE TITLE**  
Artificial Geology - Main Site

**FIGURE NUMBER**  
Figure 10-1a

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this drawing. All measurements must be obtained from the stated dimensions.





# 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 - 250m Buffer
  - Carbon Dioxide - Export Pipeline
  - Carbon Dioxide - Above Ground Installation
  - Artificial Geology (BGS 50k)**
  - Made Ground (Undivided)

- NOTES**
- 1: Reproduced from Ordnance Survey digital map data © Crown copyright 2024. All rights reserved. Licence number 0100031673.
  - 2: Data provided by © Groundsure (2023)
  - 3: Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.
  - 4: Groundsure search area is based on the Red Line Boundary available at the time of the data purchase (March 2023).

**ISSUE PURPOSE**  
Environmental Statement

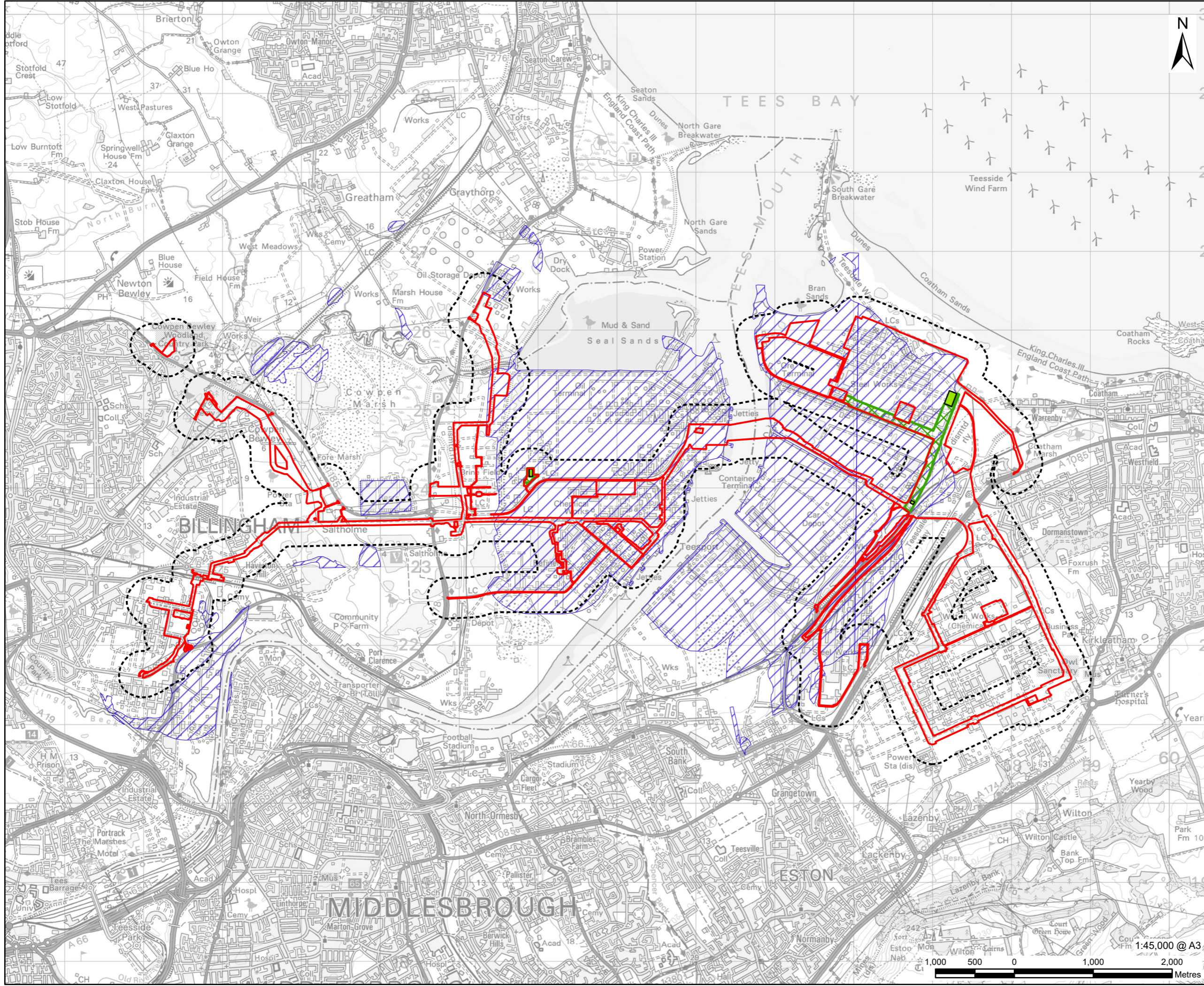
**PROJECT NUMBER**  
60689030

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

**FIGURE NUMBER**  
Figure 10-1b

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





- 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
  - Artificial Geology (BGS 50k)**
    - Made Ground (Undivided)

- NOTES**
- 1: Reproduced from Ordnance Survey digital map data © Crown copyright 2024. All rights reserved. Licence number 0100031673.
  - 2: Data provided by © Groundsure (2023)
  - 3: Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.
  - 4: Groundsure search area is based on the Red Line Boundary available at the time of the data purchase (March 2023).

**ISSUE PURPOSE**  
Environmental Statement

**PROJECT NUMBER**  
60689030

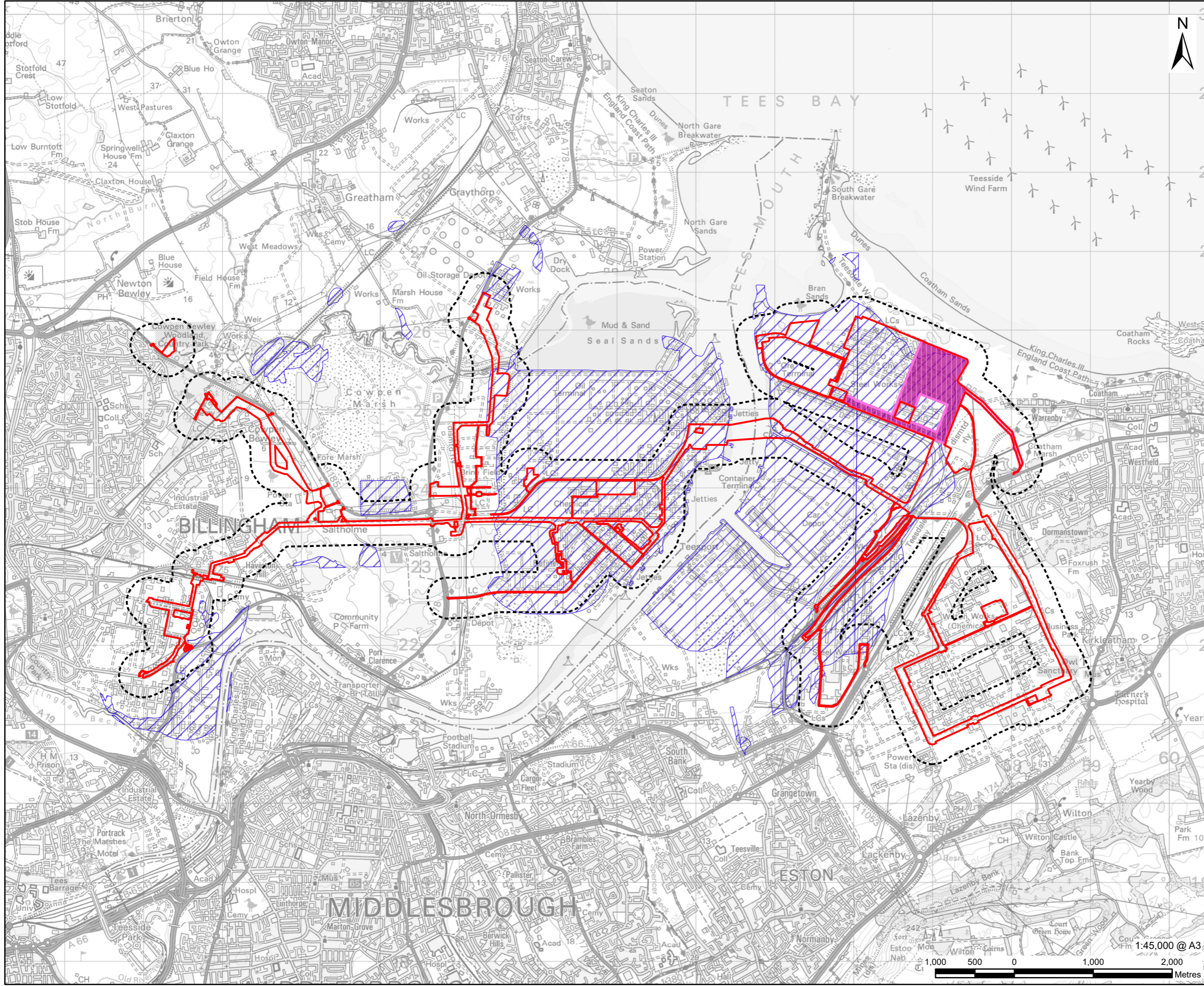
**FIGURE TITLE**  
Artificial Geology - Natural Gas Connection Works

**FIGURE NUMBER**  
Figure 10-1c



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





**LEGEND**

- Proposed Development Site
- Proposed Development Site - 250 m Buffer
- Water Supply Connection Works**
- Water Supply Connection Works
- Wastewater Disposal Works
- Artificial Geology (BGS 50k)**
- Made Ground (Undivided)

- NOTES**
- 1: Reproduced from Ordnance Survey digital map data © Crown copyright 2024. All rights reserved. Licence number 0100031673.
  - 2: Data provided by © Groundsure (2023)
  - 3: Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.
  - 4: Groundsure search area is based on the Red Line Boundary available at the time of the data purchase (March 2023).

**ISSUE PURPOSE**  
Environmental Statement

**PROJECT NUMBER**  
60689030

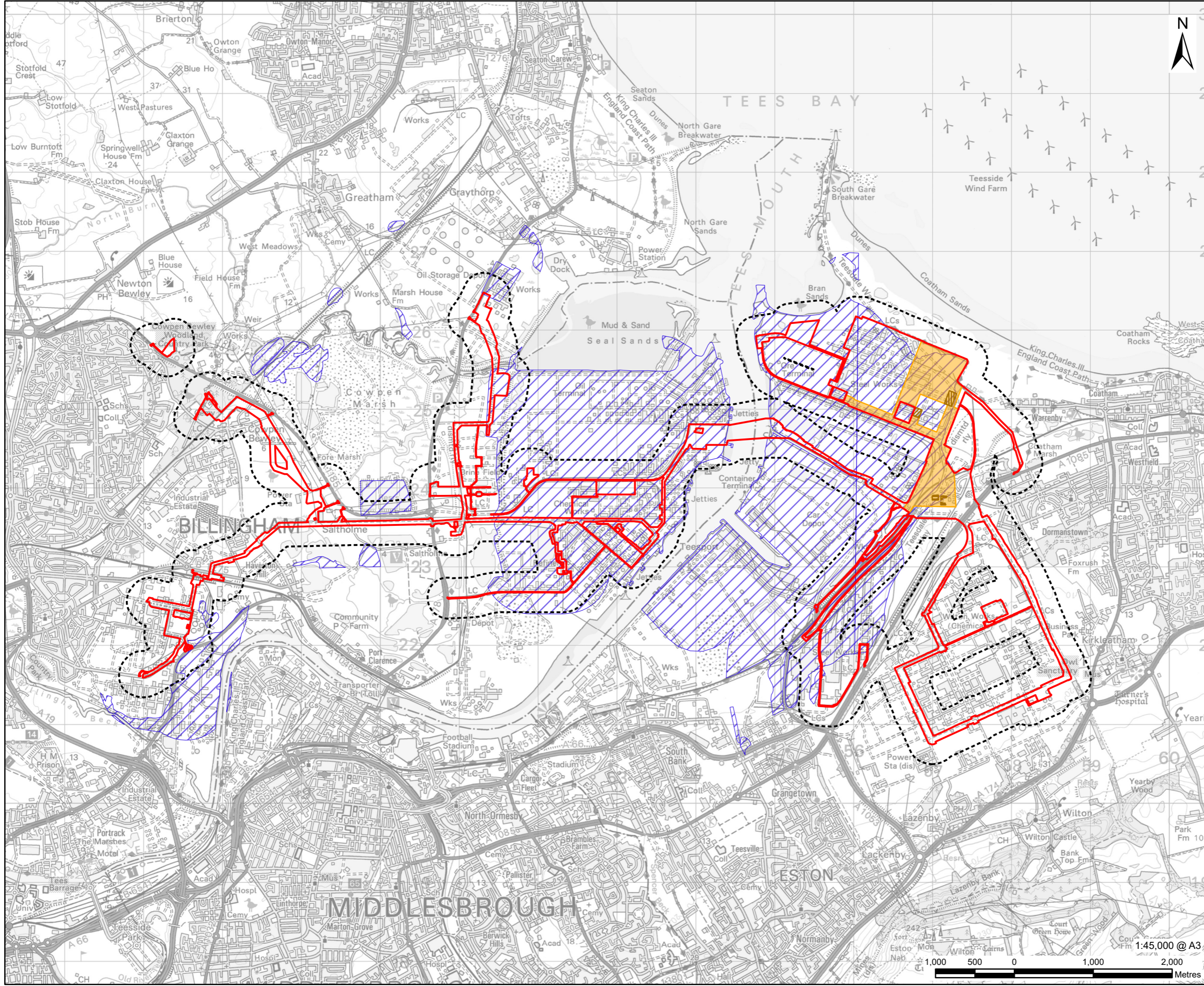
**FIGURE TITLE**  
Artificial Geology - Water and  
Wastewater Connection Works

**FIGURE NUMBER**  
Figure 10-1d



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





- 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
  - Artificial Geology (BGS 50k)**
  - Made Ground (Undivided)

- NOTES**
- 1: Reproduced from Ordnance Survey digital map data © Crown copyright 2024. All rights reserved. Licence number 0100031673.
  - 2: Data provided by © Groundsure (2023)
  - 3: Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.
  - 4: Groundsure search area is based on the Red Line Boundary available at the time of the data purchase (March 2023).

**ISSUE PURPOSE**  
Environmental Statement

**PROJECT NUMBER**  
60689030

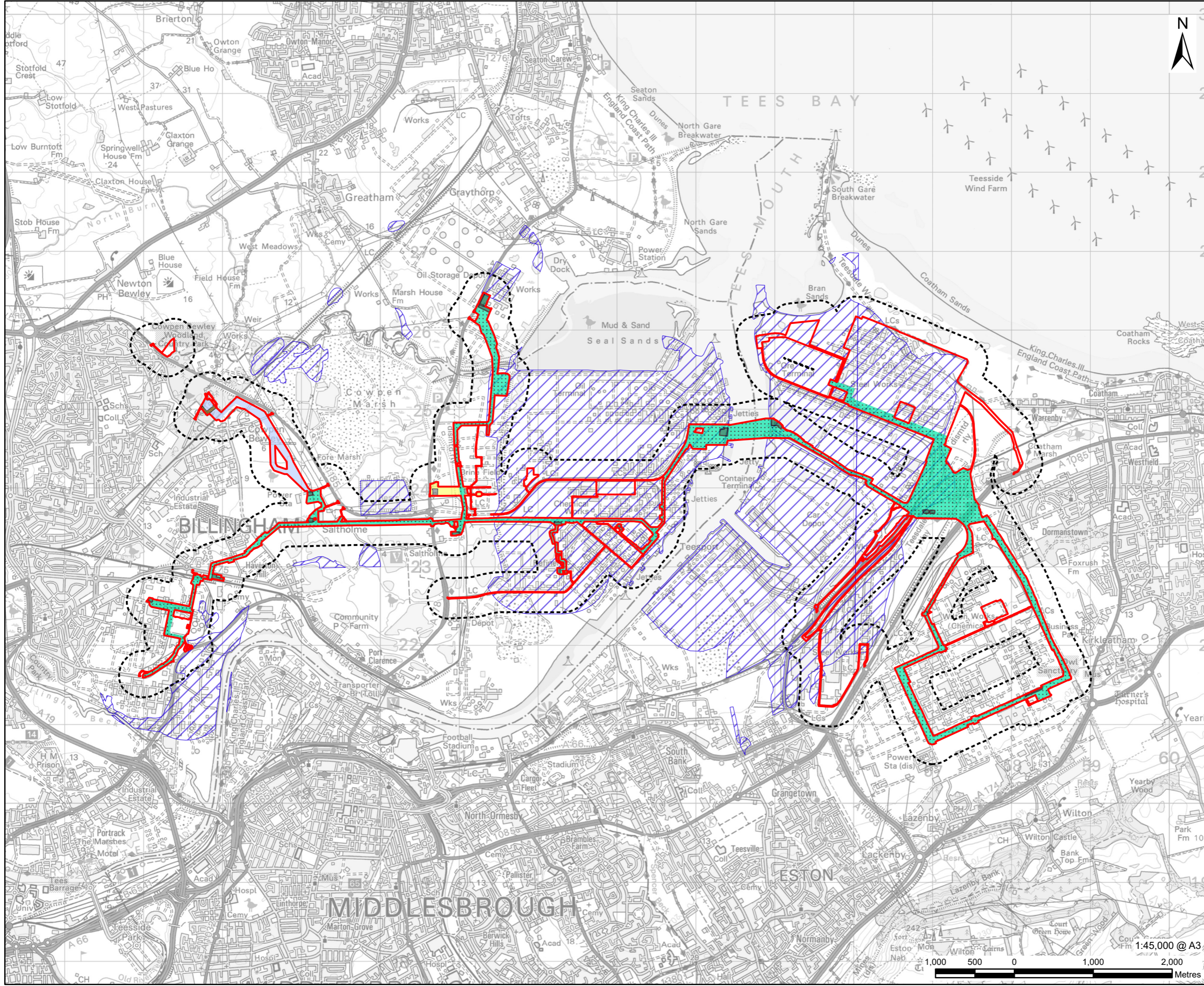
**FIGURE TITLE**  
Artificial Geology - Electrical Connection Works

**FIGURE NUMBER**  
Figure 10-1e



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





# 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
- 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
- Artificial Geology (BGS 50k)**
- Made Ground (Undivided)

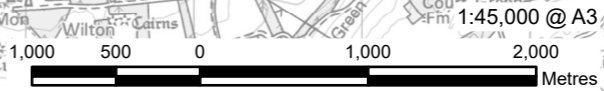
- NOTES**
- 1: Reproduced from Ordnance Survey digital map data © Crown copyright 2024. All rights reserved. Licence number 0100031673.
  - 2: Data provided by © Groundsure (2023)
  - 3: Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.
  - 4: Groundsure search area is based on the Red Line Boundary available at the time of the data purchase (March 2023).

**ISSUE PURPOSE**  
Environmental Statement

**PROJECT NUMBER**  
60689030

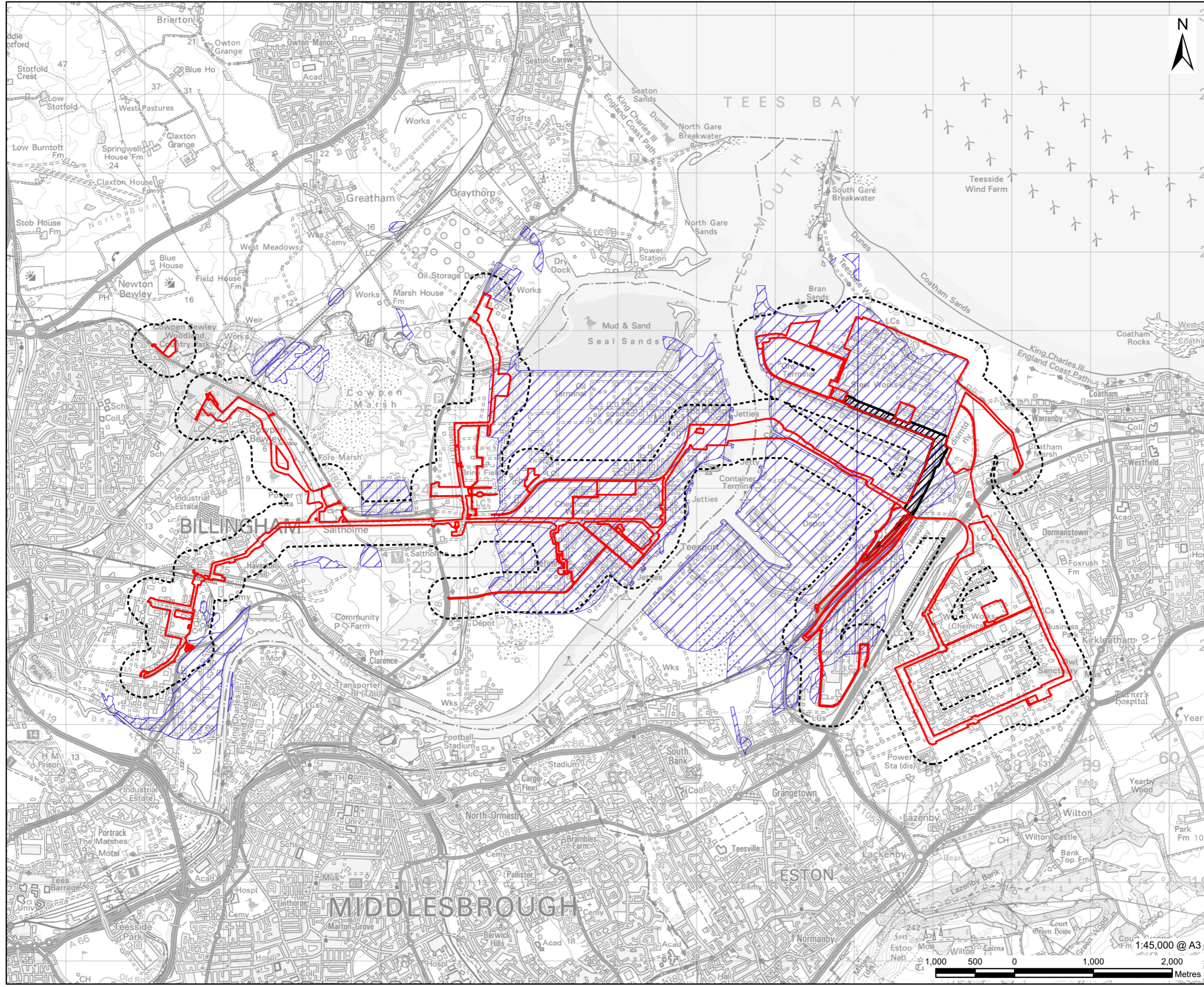
**FIGURE TITLE**  
Artificial Geology - Hydrogen Distribution Network

**FIGURE NUMBER**  
Figure 10-1f



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





# 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
  - Oxygen and Nitrogen Gas Connections
  - Artificial Geology (BGS 50k)**
  - Made Ground (Undivided)

- NOTES**
- 1: Reproduced from Ordnance Survey digital map data © Crown copyright 2024. All rights reserved. Licence number 0100031673.
  - 2: Data provided by © Groundsure (2023)
  - 3: Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.
  - 4: Groundsure search area is based on the Red Line Boundary available at the time of the data purchase (March 2023).

**ISSUE PURPOSE**  
Environmental Statement

**PROJECT NUMBER**  
60689030

**FIGURE TITLE**  
Artificial Geology - Oxygen and Nitrogen Gas Connections

**FIGURE NUMBER**  
Figure 10-1g



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.