

M60/M62/M66 Simister Island Interchange

TR010064

ENVIRONMENTAL STATEMENT FIGURES CHAPTER 9 GEOLOGY AND SOILS

APFP 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

M60/M62/M66 Simister Island Interchange
Development Consent Order 202[]

**ENVIRONMENTAL STATEMENT FIGURES
CHAPTER 9 GEOLOGY AND SOILS**

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Planning Inspectorate Scheme Reference	TR010064
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Author	M60/M62/M66 Simister Island Interchange Costain Jacobs Partnership Project Team & National Highways

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CONTENTS

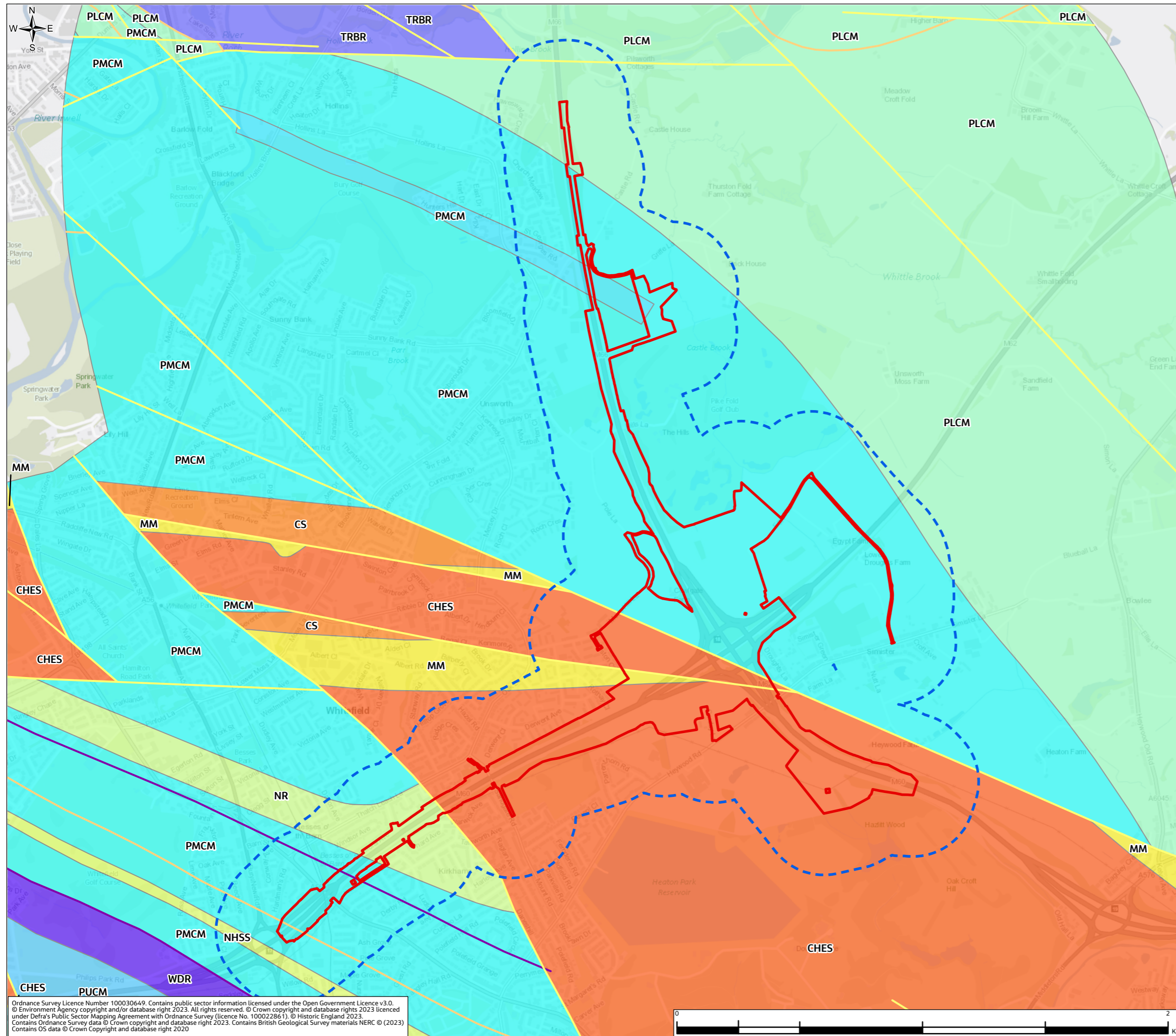
Environmental Statement Figures Chapter 9 Geology and Soils1

Environmental Statement Figures Chapter 9 Geology and Soils

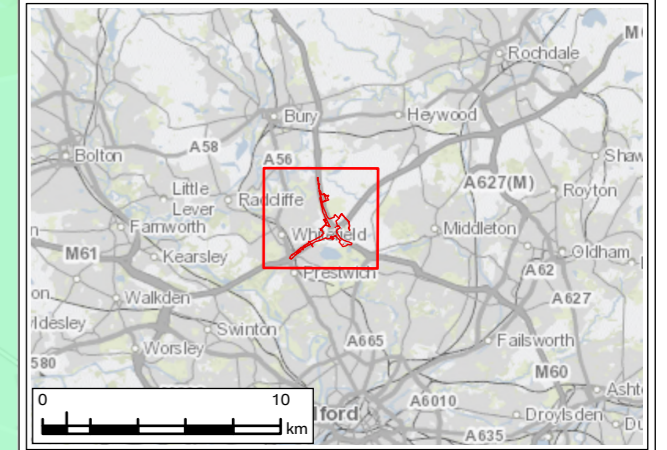
1.1.1 This document contains the following figures:

- Figure 9.1 Bedrock Geology
- Figure 9.2 Superficial Geology and Boreholes
- Figure 9.3 Agricultural Land Classification
- Figure 9.4 Potential Current and Historical Contamination Sources

FIGURE 9.1



- Legend**
- Order Limits
 - Geology and Soils Study Area - 250m
 - Coal seam, inferred
 - Fault, inferred
 - Marine band
 - CHES Chester Formation - Sandstone
 - CS Collyhurst Sandstone Formation - Sandstone
 - MM Manchester Marls Formation - Mudstone
 - NHSS Newton Heath Sandstone - Sandstone
 - NR Nob End Rock - Sandstone
 - PLCM Pennine Lower Coal Measures Formation - Mudstone, Siltstone and Sandstone
 - PLCM Pennine Lower Coal Measures Formation - Sandstone
 - PMCM Pennine Middle Coal Measures Formation - Mudstone, Siltstone and Sandstone
 - PMCM Pennine Middle Coal Measures Formation - Sandstone
 - PUCM Pennine Upper Coal Measures Formation - Mudstone, Siltstone and Sandstone
 - TRBR Trencherbone Rock - Sandstone
 - WDR Worsley Delf Rock - Sandstone



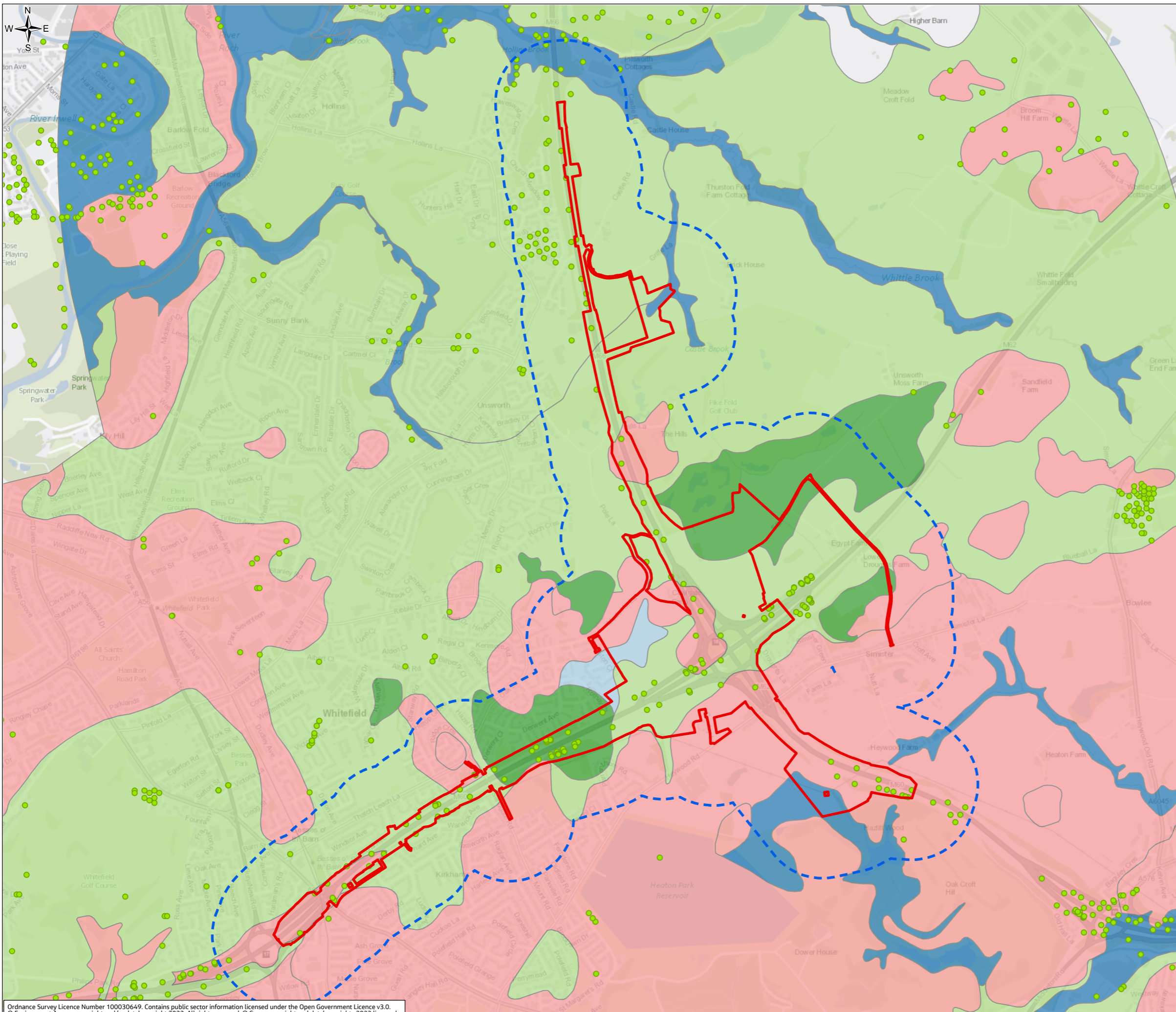
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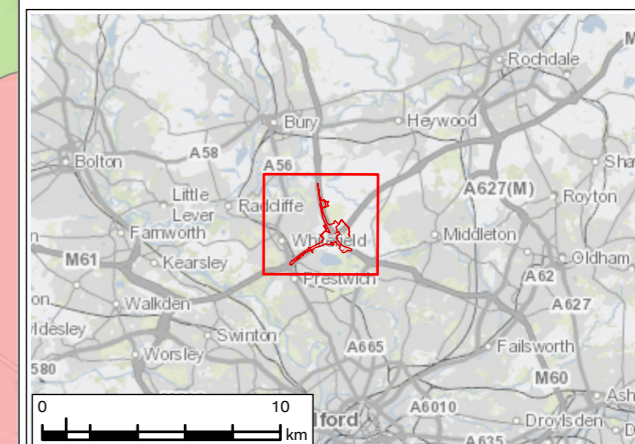


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FIGURE 9.2



- Legend**
- Order Limits
 - Geology and Soils Study Area - 250m
 - British Geological Survey (BGS) Boreholes
 - Clay and Silt
 - Clay, Silt, Sand and Gravel
 - Diamicton
 - Peat (Mapped)
 - Sand and Gravel



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Client

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**REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE**

Drawing Title

**ENVIRONMENTAL STATEMENT
SUPERFICIAL GEOLOGY AND BOREHOLES**

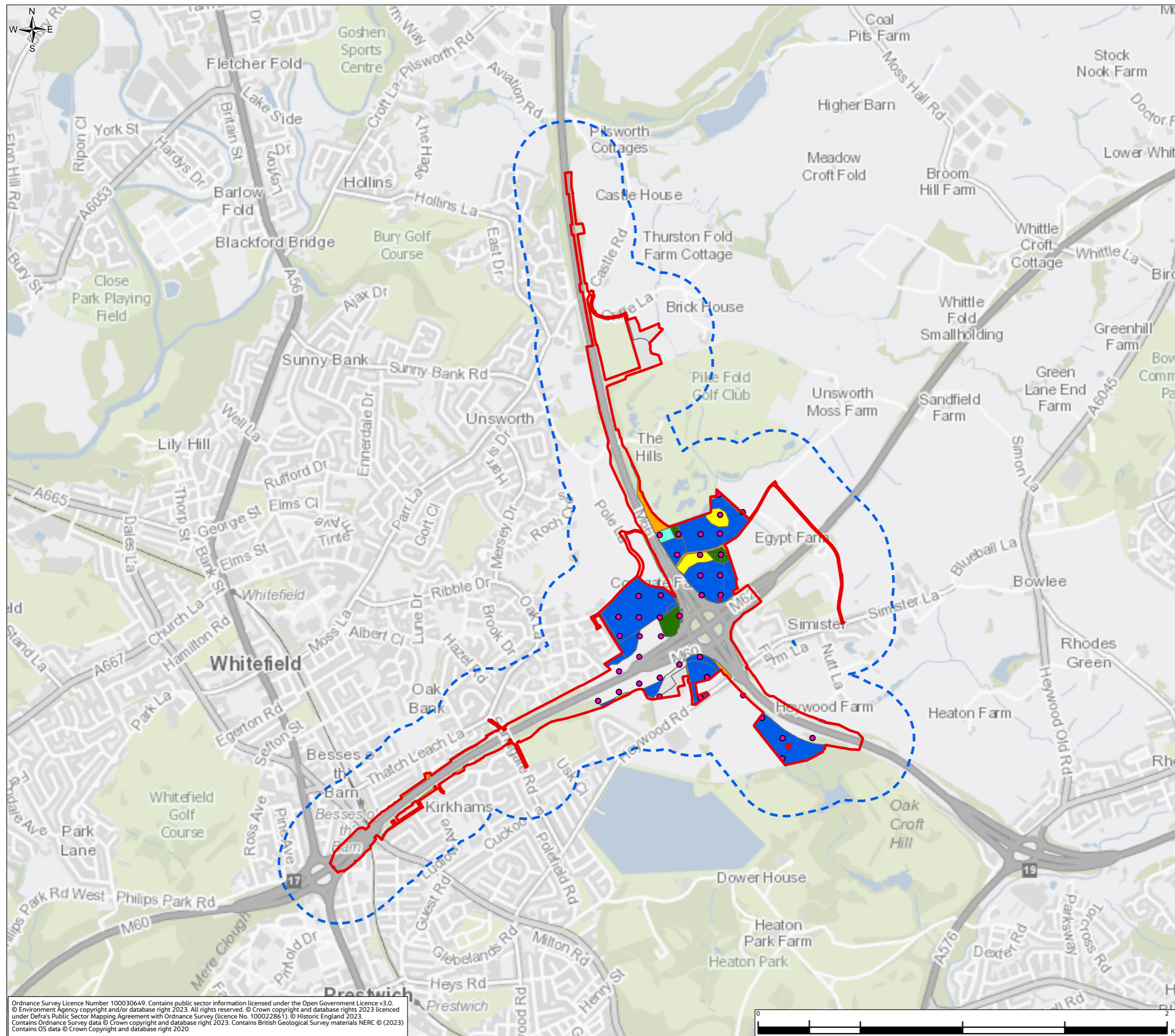
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FIGURE 9.3

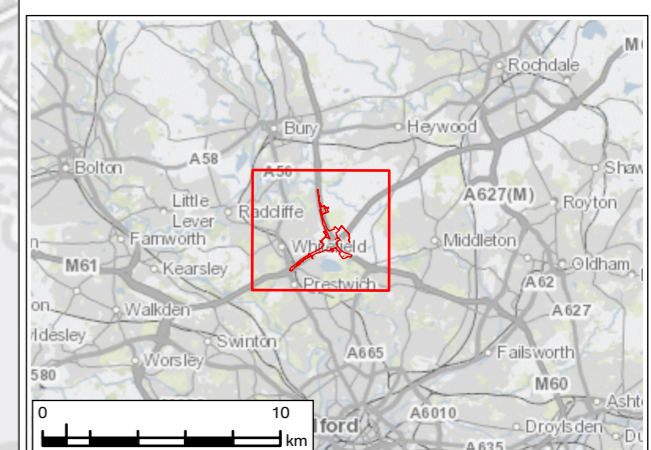


Legend

- Order Limits
- Geology and Soils Study Area - 250m
- Soil Survey Points

Agricultural Land Classification (ALC)

- Grade 2 (Best and Most Versatile (BMV) land)
- Grade 3a (BMV land)
- Grade 3b
- Grade 4
- Non-agricultural Land
- Unsurveyed Agricultural Land



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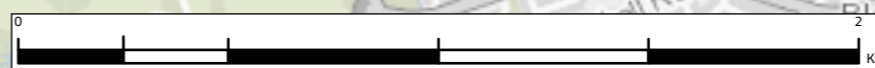
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AGRICULTURAL LAND CLASSIFICATION

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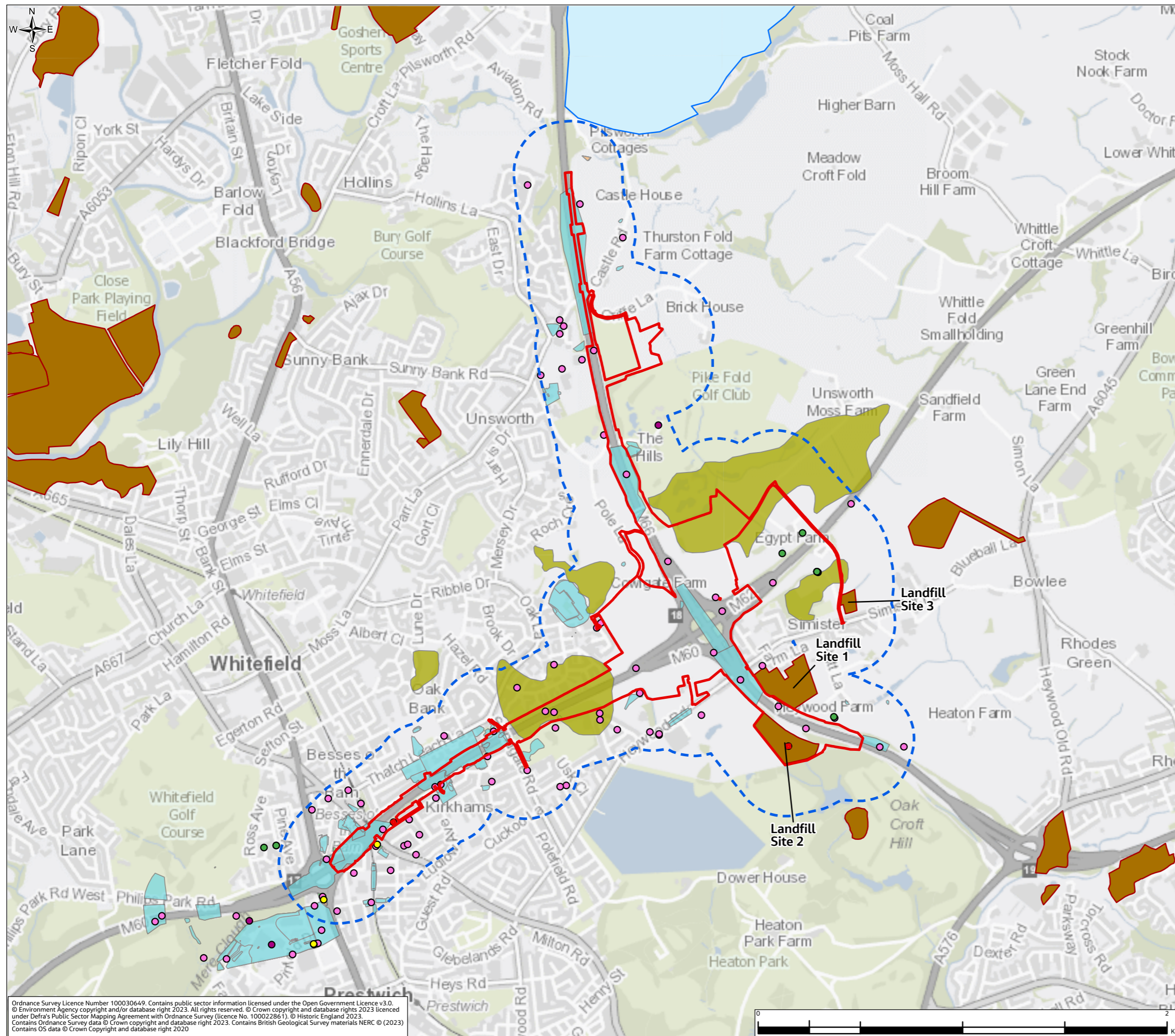
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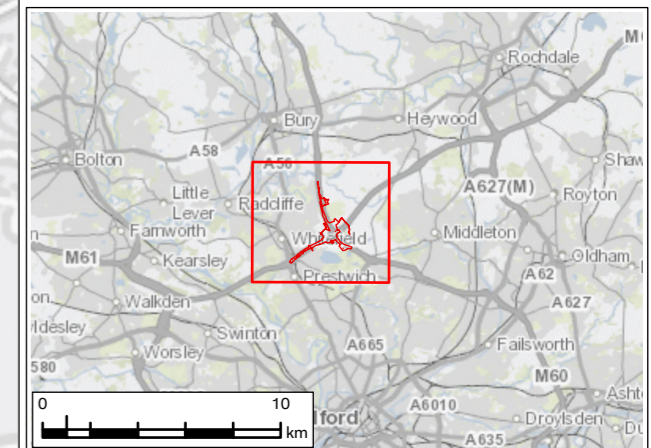
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FIGURE 9.4



Legend

- Order Limits
- Geology and Soils Study Area - 250m
- Groundsure Licensed Discharges to Controlled Waters (Environment Agency / Natural Resources Wales)
- Groundsure Licensed Pollutant Release (Local Authority records)
- Groundsure Pollution Incidents (Environment Agency / Natural Resources Wales)
- Groundsure Recent Industrial Land Uses (Ordnance Survey)
- Historic Landfill Site
- Authorised Landfill Site
- Peat (Mapped)
- Groundsure Historical Land Use**
- Historical Energy Feature
- Historical Garages
- Historical Industrial Land Uses
- Historical Tanks



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REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing Title
ENVIRONMENTAL STATEMENT
POTENTIAL CURRENT AND HISTORICAL
CONTAMINATION SOURCES

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