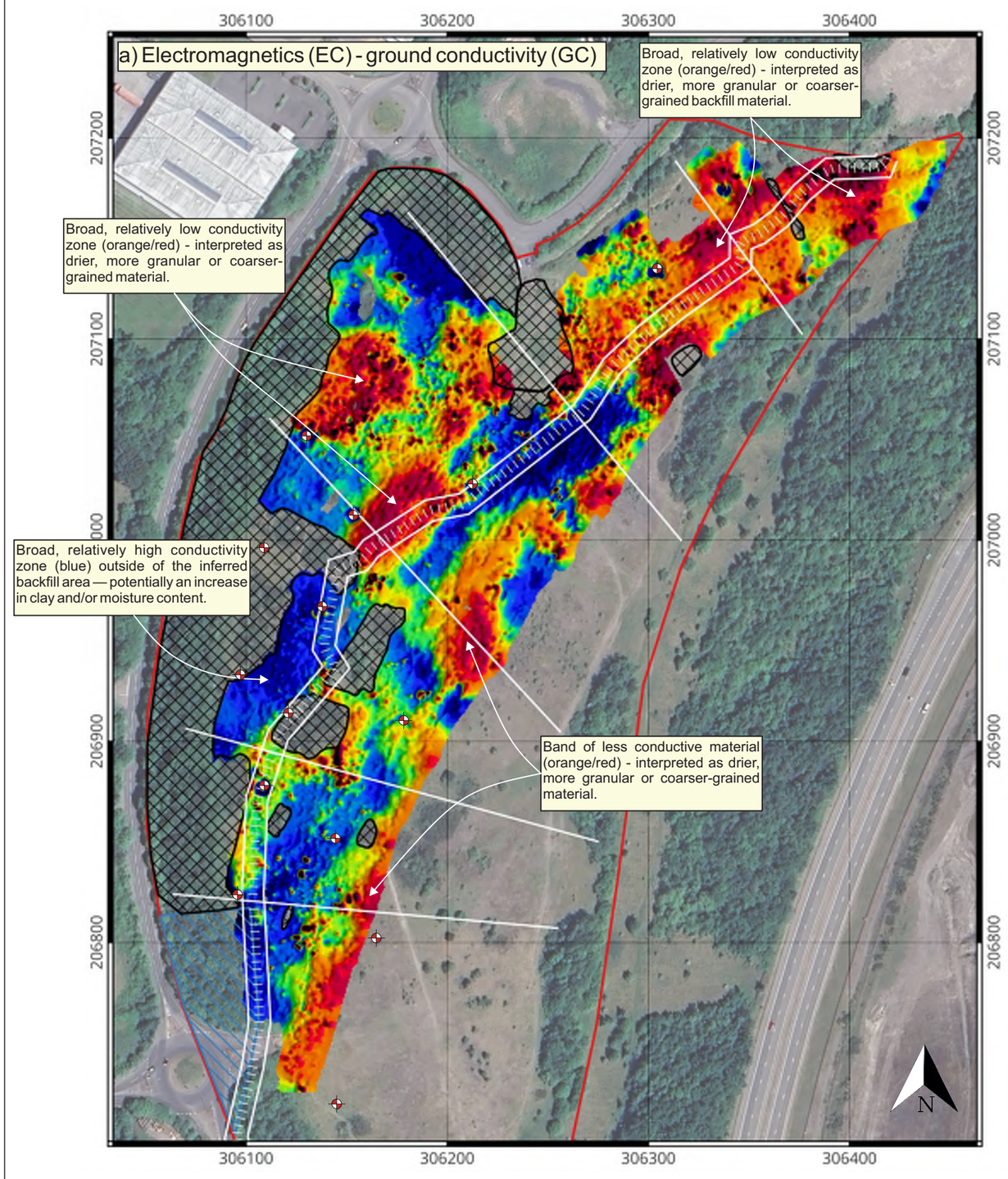
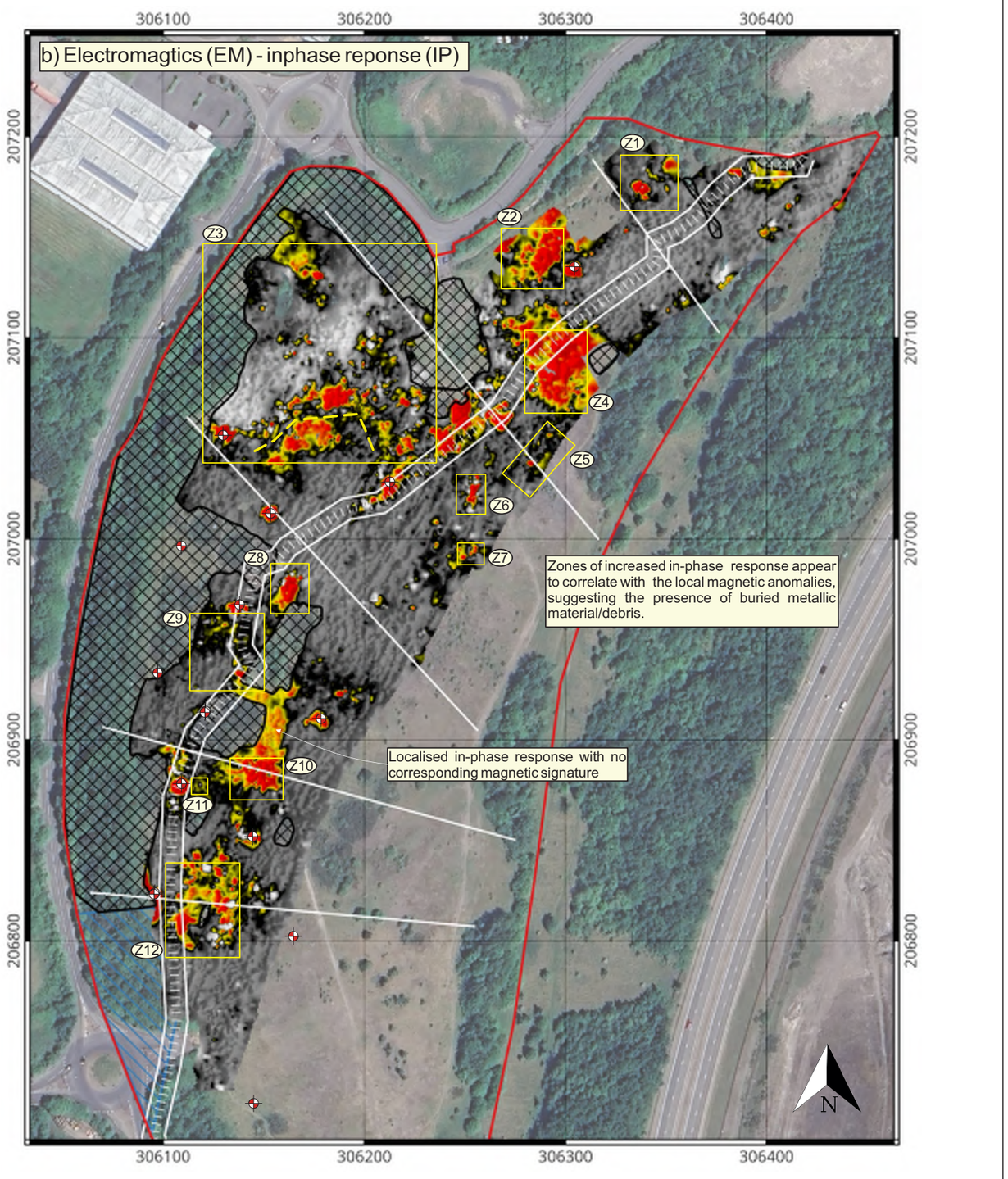




Map key:

- Obstruction (vegetation/Site compound/drilling equipment
- ERT profile
- Site boundary (provided by Client)
- Indicative high-wall position (provided by the Client)
- Borehole
- Magnetic analytical signal features

Colour scales:

Conductivity (mS/m)

28.5 35.3 37.6 39.2 40.5 41.7 42.9 44.1 45.3 46.8 48.6 51.8

Inphase response (ppm)

-32748.2 -2626.1 -2003.2 -1518.2 -1052.6 -522.1 30757.8

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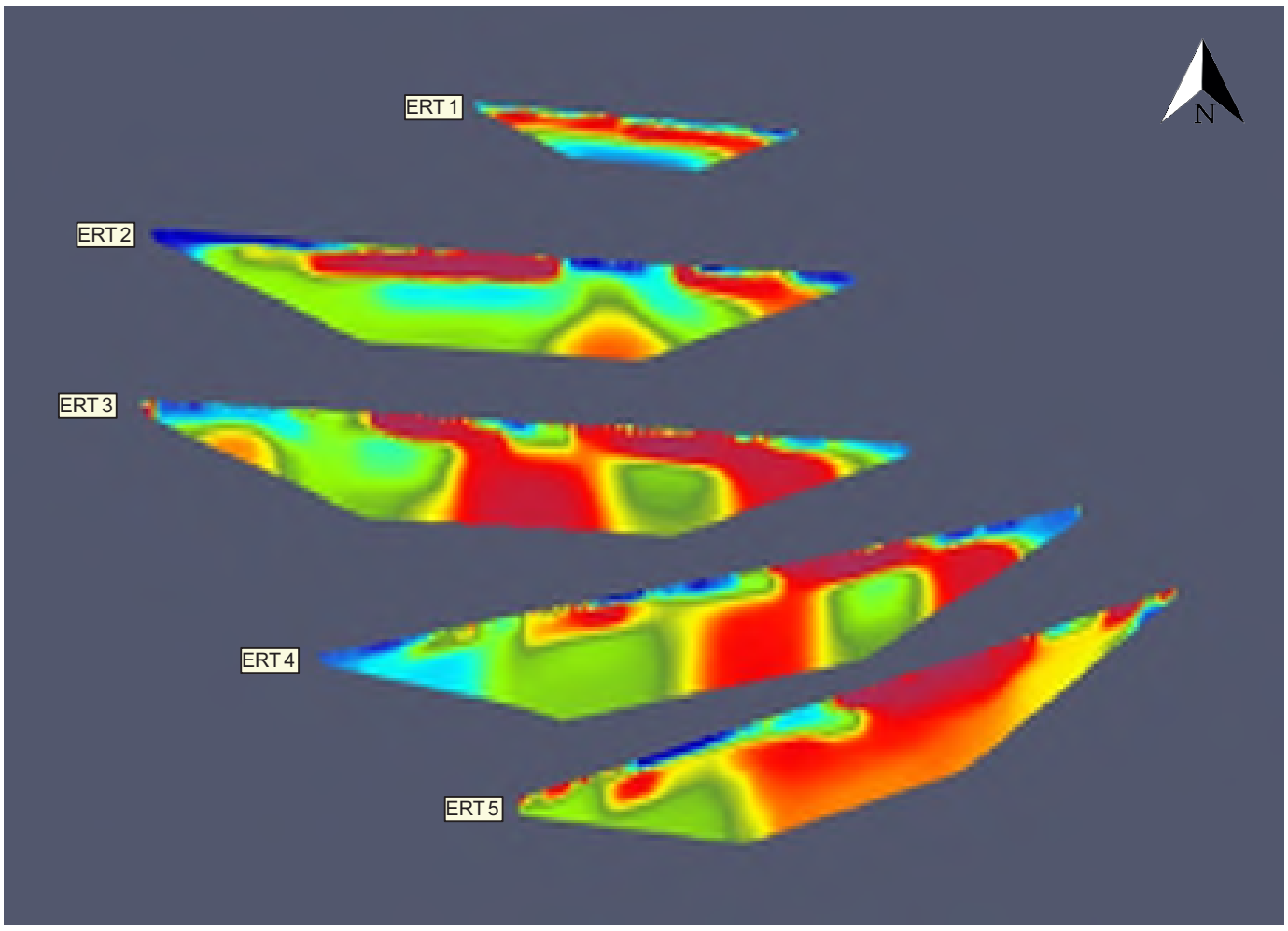
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Project: Goatmill Road

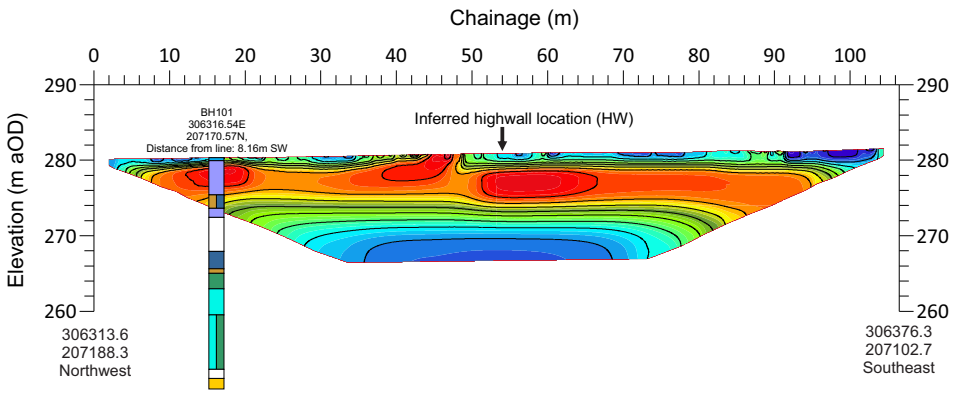
Scale:	1:2500
Drawn by/Ref:	AT/9740/4
Date:	April 2026

Figure 4

3D schematic of all ERT profiles, looking north (NTS)

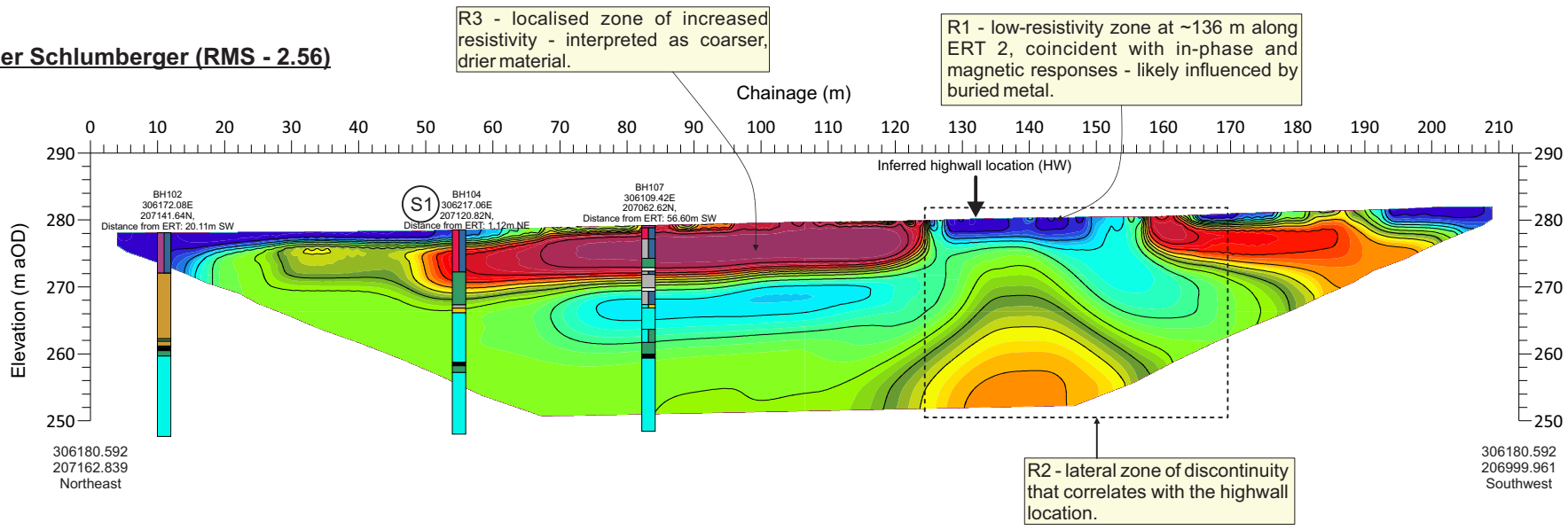


ERT 1 - Wenner Schlumberger (RMS - 1.55)



Note - ERT 1 is located at the northern end of the survey area and due to the limited space, the survey line had to be shortened which resulted in a reduced depth coverage of up 15 m bgl. The section shows a simply three layered model consisting of a thin (~2 m thick) near-surface conductive layer overlying a 5m thick resistive band which in turn is underlain by a more conductive unit. For a natural setting, this could be interpreted as clay-rich top layer sitting on more sandy/gravelly layer followed by clay dominated sediment or weathered mudstone. The resistive band correlates well with the mapped glacial till in BH101.

ERT 2 - Wenner Schlumberger (RMS - 2.56)



Map key:

Highlighted feature

Inferred highwall location (HW)

Highwall key:

S1 Shallow, abrupt increase in resistivity approximately 10 m thick. Potentially represents a step-like feature related to the high wall.

S2 Abrupt, vertical deepening of increased resistivity. Potentially represents the main wall and backfill material of the open cast pit.

ERT colour scale:

63 78 94 110 128 147 167 193 259

RESISTIVITY (Ohm.m)

Increased resistivity, decreasing conductivity

Borehole key:

- Made Ground (Gravel)
- Made Ground (Clay)
- Engineered Fill (Clay)
- Coal Measures
- Clay
- Mudstone
- Siltstone
- Sandstone
- Glacial Till
- Gravel
- Cobbles
- Boulders
- No Recovery/ Open Hole

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Title: ERT results - ERT 1 and ERT 2

Project: Goatmill Road

Scale: 1:1000

Drawn by/Ref: AT/9740/5

Date: April 2026

Figure 5