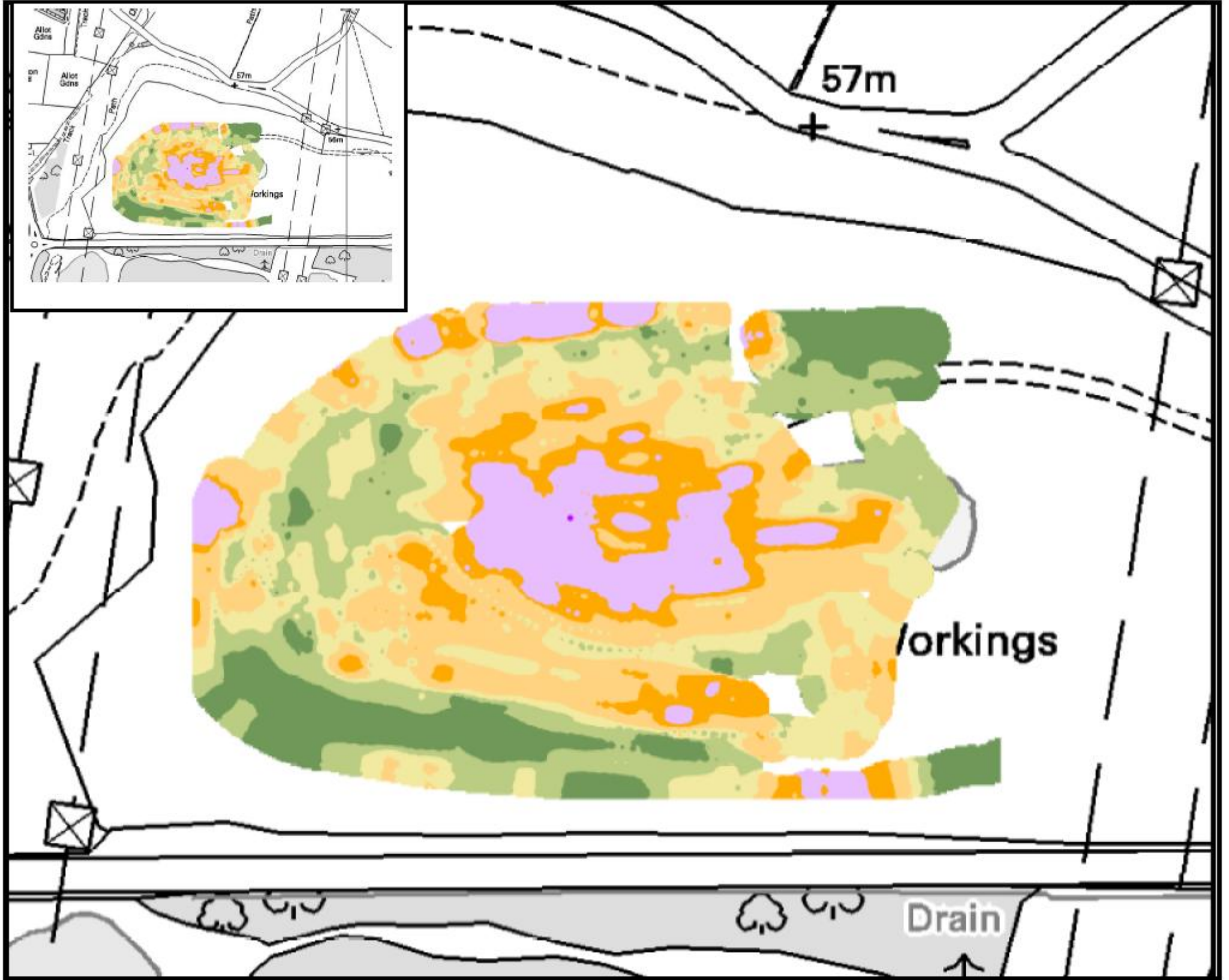


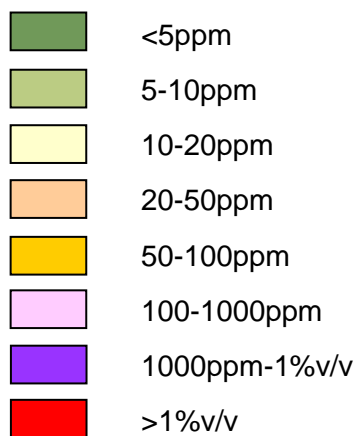
Path Head Landfill Site – Cell3

CH4 Surface Emissions Survey



Key

CH4 Concentration



Commentary:

The UK background CH₄ concentration is typically 1.8ppm.

Survey undertaken across working and completed areas of cell 3. Southern strip of the cell is permanently capped and here emissions were low.

Highest recorded emissions were along the uncapped northern edge and within the central valley in cell 3. Here emissions across large areas were in excess of 100ppm

Notes:

Methane concentrations were measured using a TDL-500 tuneable diode laser and were geo-logged every 3 seconds. The contour plot was produced in ArcMap® using an Inverse Distance Weighted (IDW) interpolation.

Point coordinates were transposed using a WGS84 to OSGB36 transformation.