

PROJECT DESIGN FOR RESISTIVITY AT THE GUMBER 2009

1 Introduction

This project design details the planned resistivity at the Gumber, proposed for 2009 (subject to the arrangement of the necessary licences, and the agreement of the National Trust).

Following a request from the National Trust, the Worthing Archaeological Society propose a resistivity survey at the Gumber. The opportunity will be taken to provide training to a number of members of the society on the setting up and use of the resistivity meter, and to processing of the data

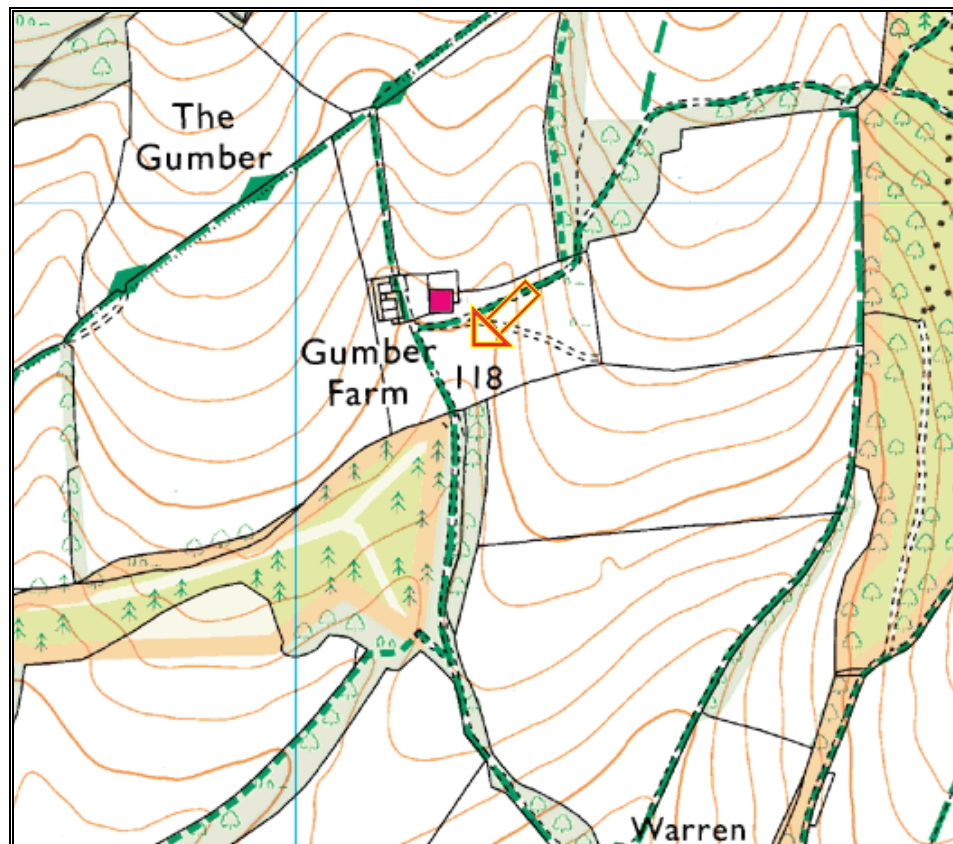


Fig.1 Proposed location of resistivity



Fig.2 Field at the Gumber, with area of parched grass.

2 Site Location & Geology

The site lies c130 above Ordnance at grid reference SU962117 on the lower Greensand.

3 Archaeological Background

The field to the south of the Gumber farm has a number of visible terraces. On a site visit on 19 March 2009, an area of parched grass was clearly visible on one of these terraces.

4 Field Methodology for GUM09 Excavation

4.1 Objectives

Based on initial observation of the feature there are two main objectives for what this excavation.

1. To undertake a geophysical survey of the field to locate the position of any possible archaeological remains.

2. To provide training to a number of members of the Worthing Archaeological Society on the use of the resistivity meter

4.2 Geophysical Survey Technique

The survey will be undertaken with the RM15 Resistivity Meter belonging to the Worthing Archaeological Society.

5 Timetable

The date of the survey is will be arranged at a mutually convenient date with the National Trust.

6 Written Report

1. A report will be produced within three months of completion of the resistivity. This report will be distributed to those mentioned below, and will posted on the WAS website.
2. Copies of the final report will be submitted to the following:
 - West Sussex County Council;
 - Slindon Estate;
 - Sussex Archaeological Society.

7 Other

1. A Risk Assessment will be carried out prior to the archaeological excavation and all relevant Health and Safety regulations will be complied with during the excavation. All members of the excavation team will be briefed on its contents before commencing work at the site. A first aid kit will be available on site at all times.
2. WAS are fully insured (as arranged through the Council for British Archaeology) to undertake all aspects of archaeological fieldwork