

1. INTRODUCTION AND AIMS

1.1 *Introduction*

The survey encompasses two areas which have recently been acquired by the Rutherglen Research Institute. These areas were not included in the earlier survey carried out by Poutsma and Skene (1961). A locality plan is given in Figure 1.

Area A (16 hectares) is located in the north east corner of the station and Area B (64 hectares) abutts part of the Chiltern Valley Road in the south eastern section. Most of the new area to be surveyed is part of the extensive regional plain. Area B incorporates a hill rising above this plain, whilst Area A contains the lower slopes of a hill, the main part of which is on an adjoining property.

All field operations were carried out during the month of July and involved a combination grid and free survey to a depth of 120 cm.

1.2 *Aims of the Investigation*

- To survey the soils in both areas to a depth of 120 cm and describe their various morphological characteristics.
- To classify the soils recognised and to produce a soil map at a scale of 1:10,000.