

## INTRODUCTION

### *Location of the Study*

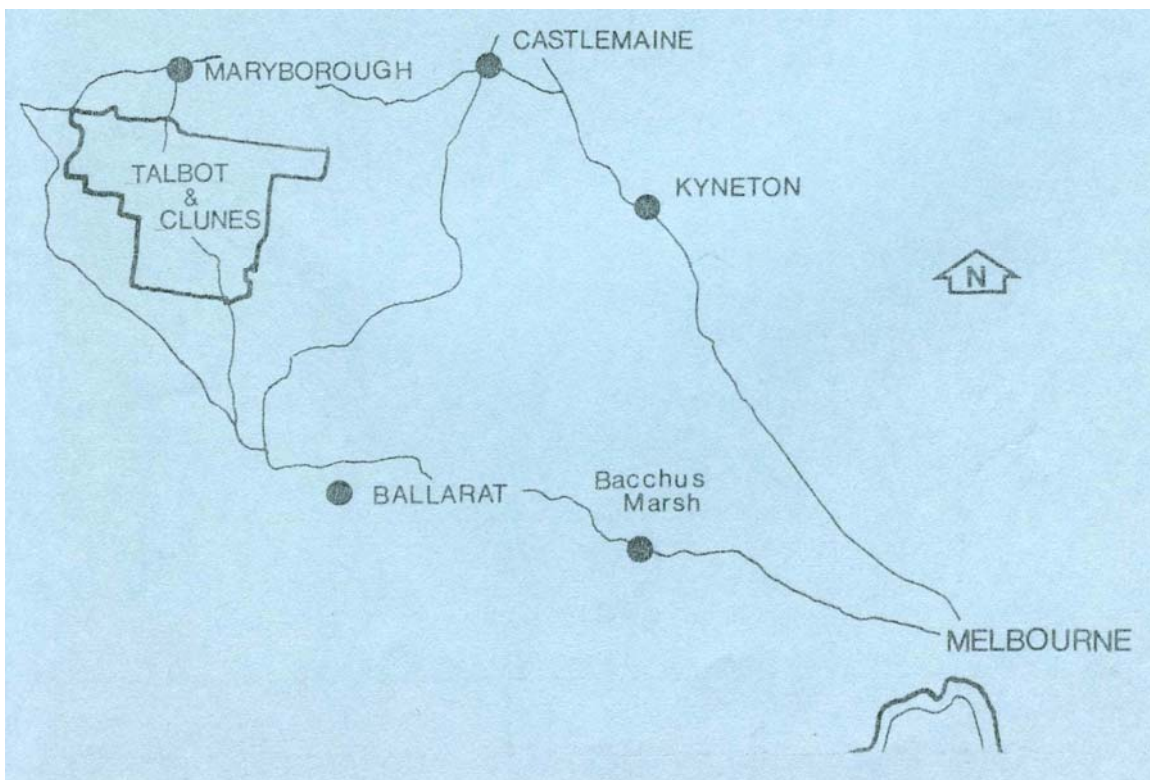
The Shire of Talbot & Clunes lies between Maryborough & Ballarat and comprises about 54 square kilometers. The study is part of the continuing Rural Mapping Program initiated by the Ministry of Planning.

### *Purpose of the Study*

The purpose of the study is to provide assessment of land capability which could be used by planners as an aid to developing a planning scheme. The mapping has been provided at 1:25 000 and thus the study should be useful in assessing subdivision and other land use proposals. We stress that on site inspections are still required.

### *Methods used*

The Map Units were arrived by the study of 1:25 000 aerial photography using a three dimension viewer (stereo viewer). Areas of land that were basically similar in landform, soils, geology & vegetation were drawn out and given the same Map Unit Name. Thirty-four Map Units will be required and a program of soil sampling before a full Land Capability Study can be published. The Map Units were assessed using rating tables in "Guidelines for Land Capability Assessment" a Soil conservation Authority Publication (1981)



## Summary of Land Assessment

Activities listed in the table

- A Erosion associated with land disturbances
- B Constrains on Construction
- C Effluent disposal by soil absorption fields
- D Small farm dams

MAP SYMBOL	MAP UNIT NAME	ACTIVITIES (FIVE CLASS RATINGS)				RURAL SUBDIVISION 2	
		A	B	C	D	Rating	Comment
AP	Alluvial plain	2	5	5	3	5	Not recommended - floods
BD	Basgrey drainage depressions	3	4	5	2	5	Not recommended
BP	Basgrey plain	1	3(4)	4	2	3	Marginal - effluent disposal. Valuable for agr.
BG	Basgrey gentle slopes	2	3	3(4)	2	3	As for Bp
BM	Basgrey moderate slopes	2	3	3	3	3	Marginal - rock
BS	Basgrey swamps	1	5	5	-	5	Not recommended - floods
BW	Basgrey wet areas	1	4	5	2	5	Not recommended
GP	Grockworth plains	2	2	2	3	2	-
GG	Grockworth gentle slopes	3	2	3	2	2	Standard erosion control measures
GM	Grockworth moderate slopes	4	3	3	3	3	Marginal erosion risk – refer to SCA
GH	Grockworth hills	4	3	3	4	4	Very marginal rock and erosion risk – refer to SCA
GR	Grockworth rugged hills	4	4	4	5	4	Not recommended
GV	Grockworth very steep rugged hills	5	5	5	5	5	Not recommended
GD	Grockworth drainage depressions	4(5)	4	5	4	5	Not recommended
OL	Oreef low ridges	4	3	3	3	3	Refer to SCA for erosion control measures
OS	Oreef ridges	4	4	4	4	4	Very marginal. Refer to SCA
OV	Oreef steep ridges	5	4	5	5	5	Not recommended
ON	Oreef narrow valleys	4(3)	2(3)	3	3	3	Refer to SCA for erosion control measures
SF	Seddar flat valley floors	2(1)	4	4(5)	2	4	Not recommended – Flood survey required
SP	Seddar plain	1	3(4)	4(5)	2	4	Not recommended. Flat, wet & gilgaied
SVG	Seddar very gentle slopes	2	2	3	2	2	-

MAP SYMBOL	MAP UNIT NAME	ACTIVITIES (FIVE CLASS RATINGS)				RURAL SUBDIVISION 2	
		A	B	C	D	Rating	Comment
SG	Seddor gentle slopes	3	2	3	1	2	Standard erosion control measures
SH	Seddor hills	4	3	3	3	3	Refer to SCA for erosion control measures
SD	Seddor drainage depressions	4	4	5	3	5	Not recommended
TF	Tull valley flats	1	4(5)	5	3	5	Not recommended. Flood valley required. Intensive cropping land
TG	Tull valley gentle slopes	2	2	3	2	2	-
TM	Tull valley moderate slopes	3	3	3	3(4)	3	Refer to SCA
TS	Tull shallow valley	2	3(4)	4	4	3(4)	Not recommended (water quality aspects)
TV	Tull Valley	3(4)	4	4(5)	5	4	Not recommended
TD	Tull Valley-deep	4	5	4(5)	5	5	Not recommended
VP	Volcone plain	2	3	3(4)	2	3	Agricultural value
VG	Volcone gentle slopes	2	3	3(2)	2	2(3)	Agricultural value
VH	Volcone hills	3	3	2(3)	4	3	Marginal SCA
VS	Volcone steep hills	4	4	4	5	4	Not recommended – too steep