

5.3 Land systems

The hierarchy of the Land System concept has been maintained in this study. At the broadest level – Land Systems of Victoria – Rowan (1990) identified thirteen land systems in the Shire of Romsey at a scale of 1:250 000. Jeffrey (1981) conducted a study also at a scale of

1:250 000 which divided the land into twelve land systems and their components.

In this study, at a scale of 1:25 000, 51 map units have been identified. Table 5.3 shows the relationship between the land systems of three studies.

Table 5.3 Comparisons of scale and detail in land inventory studies

Land Systems of Victoria 1:250 000	A Study of Land in the Catchments to the North of Melbourne 1:250 000		Land Capability study of the Shire of Romsey 1:25 000		
land system	land system	soil	map unit	soil major minor	
2.1 Gs7-2	Whittlesea	Dy3.41 Ug5.12 Gn4.34	Qa1	Dd2.12	Gn4.42 Um6.11
2.1 Ss7-6	Springfield	Gn2.81 Gn2.81 Db2.32 Gn2.81	Ssa Ssb Ssc Ssd Ssf Ssg Ssh	Dy3.21/11 Um6.14 Dy3.11 Dy3.41 Dy3.11 Dy3.11 Uf4.3 Gn4.51	Dy2.11 Gn3.91 Gn4.51 Gn3.91 Dy3.41 Dy2.11 Gn3.21
7.1 Pvf7-8	Monegetta	Gn4.11 Db2.31 Ug5.12 Gn3.43 Gn3.11	Qba Qbb Qbc Qbd Qbe Qbf Qbg Qbh Qbr	Um1.41 Db1.12 Gn4.42 Gn4.42 Db2.12 Dy2.12 Db1.12 Dy2.31 Dd1.12 Um1.44	Gn4.41 Uf6.22,Gn4.1 Gn4.51 Uf6.11,Um6.1 Gn4, Uf6.12 Um6.32 Gn3.42 Dy3.11 Dy3.12 Uf6.12, Gn4 Dy3.21/12, Gn3.42/3,Uf6
7.1 Pvf7-9	Romsey	Gn2.11	Qva Qvb Qvc Qvd Qve Qvf Qvg Qvh	Gn2.41 Gn4.12 Gn3.51 Dy2.11 Uf6.12 Gn3.12 Uf6.12 Dd1.12	Gn4.31,Um1 Dr2.11/2, Dd2.12 Uf6,Gn3.42/3

Table 5.3 Comparisons of scale and detail in land inventory studies (cont.)

(i) Land Systems of Victoria 1:250 000	(ii) A Study of Land in the Catchments to the North of Melbourne 1:250 000		(iii) Map Units in the Shire of Romsey 1:25 000		
land system	land system	soil	map units	soil major	minor
2.1 Ss6-2	Darraweit Guim	Gn2.94 Db, Dy Gn3.43 Gn4.75	Ssa Ssb Ssc Ssd Ssf Ssg Ssh	Dy3.21/11 Um6.14 Dy3.11 Dy3.41 Dy3.11 Dy3.11 Uf4.3 Gn4.51	Dy2.11 Gn3.91 Gn4.51 Gn3.91 Dy3.41 Dy2.11 Gn3.21
2.1 Gs6-2	Sunbury	Gn4.55 Db1.12 Db2.21 Ug6.1	Ssa Ssb Ssc Ssd Ssf Ssg Ssh	Dy3.21/11 Um6.14 Dy3.11 Dy3.41 Dy3.11 Dy3.11 Uf4.3 Gn4.51	Dy2.11 Gn3.91 Gn4.51 Gn3.91 Dy3.41 Dy2.11 Gn3.21
2.1 Gs7-2 2.1 Gs7-6	Mt. Charlie	Dy3.31 Dy3.31	Ssa Ssb Ssc Ssd Ssf Ssg Ssh	Dy3.21/11 Um6.14 Dy3.11 Dy3.41 Dy3.11 Dy3.11 Uf4.3 Gn4.51	Dy2.11 Gn3.91 Gn4.51 Gn3.91 Dy3.41 Dy2.11 Gn3.21
2.1 Ss7-6	Mount Charlie	Gn4 Dy3.31	Dsa Dsb Dsc Dsd Dsf	Uc6.11 Uc6.11 Uc6.11 Gn4.51 Gn4.51	
2.1 Sg 7-1	Macedon	Gn4 Gn3.11	Dg1a Dg1b Dg1c Dg1d Dg1h	Dr3.41 Dr3.21 Gn4.11 Dr2.11 Dr3.12/1 Dr2.21/1 Db2.1 Gn4.12/4 Db/r2.11	Gn4.12 Um
2.1 Sv7-1	Macedon	Gn2.01 Gn4.14 Gn4	Dra Drb Drc Drd Drh	Gn3.11 Gn3.11 Gn3.11 Gn3.11 Gn4.51	Dr2.11 Dr2.21 Gn4.41 Dd1.11

(i) Land Systems of Victoria 1:250 000	(ii) A Study of Land in the Catchments to the North of Melbourne 1:250 000		(iii) Map Units in the Shire of Romsey 1:25 000		
land system	land system	soil	map units	soil major minor	
2.1 Gg7-4	Cobaw	Gn2.51 Gn1.24 Gn1	Dg2x Dg2a Dg2b Dg2c Dg2d Dg2f Dg2h	Gn4.51 Uc1.21 Uc1.21 Dy3.11 Gn4.51 Dy3.41 Dy2.11	Dy3.11 Gn4.51 Dy3.11
2.1 Sv7-2	Mount William	Gn2 Dr3.51 Gn2	MW1 MW2 MW3	Dr2.12 Dr3.11 Gn3.84 Dy3.41 Gn3.64 Dy3.11	