

## **6. CREDITS AND ACKNOWLEDGEMENTS**

The project was carried out under the general supervision of J J Jenkin.

P R Dyson organized the data collection and is responsible for its interpretation and presentation.

Substantial financial support by the Reserve Bank of Australia (Rural Credits Development Fund) is gratefully acknowledged.

The authors wish to thank the Soil Conservation Authority and the Principal Research Officer (F R Gibbons) for continuing support and encouragement, and the Regional Conservation Officer, Bendigo, for the facilities placed at our disposal. Thanks are also due to T I Leslie and his staff of the SCA laboratory for the determination of soil particle densities and wilting points. Assistance in the field and laboratory was provided by G Towers, J Coyne and especially Inderjit Gill, whose very active participation was essential to the completion on time of the data collection phase.

That many people, including Dr Gordon Burch (CSIRO Canberra), J Cooke (SCA), D Cummings (SCA), W Trehwella (SR&WSC), S T Willatt (Latrobe University) and D R Williamson (CSIRO Perth), freely made their expert knowledge available to us was much appreciated.

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**APPENDIX**  
**TABLES 1 TO 19**

**Table 1 – Bulk density data for Eppalock Catchment No. 1**

<b>Geomorphic situation</b>	<b>Soil horizon</b>	<b>Mean bulk density g/cc</b>	<b>Number of samples</b>	<b>Standard Deviation</b>	<b>Confidence level of mean at 95% level of significance +/-</b>
Upper slope	A	1.52	1		
	A2	1.52	15	0.15	0.08
	B1	1.63	5	0.06	0.07
	B	1.59	42	0.08	0.02
	B/C	1.67	29	0.10	0.04
Intermediate slope	A	1.40	3	0.22	
	A2	1.62	2	0.06	
	B1	1.60	8	0.11	0.09
	B	1.55	62	0.07	0.02
	B/C	1.63	26	0.08	0.03
Lower slope	A	1.46	5	0.10	0.12
	A2	1.44	16	0.15	0.08
	B1	1.58	8	0.13	0.11
	B	1.55	76	0.08	0.02
	B/C	1.58	26	0.09	0.04
Valley floor	A	1.31	17	0.18	0.09
	A2	1.50	22	0.15	0.07
	B1	1.61	23	0.12	0.06
	B	1.65	76	0.13	0.03
	B/C	1.73	36	0.17	0.06

**Table 2 – Total porosity data for Eppalock Catchment No. 1**

<b>Geomorphic situation</b>	<b>Soil horizon</b>	<b>Mean calculated total porosity</b>  <b>% Vol</b>	<b>Number of samples</b>	<b>Standard Deviation</b>	<b>Confidence level of mean at 95% level of significance +/-</b>
Upper slope	A	45.1	1		
	A2	45.4	15	5.6	3.1
	B1	41.2	5	2.3	2.9
	B	42.7	42	2.8	0.9
	B/C	39.4	29	3.6	1.3
Intermediate slope	A	49.6	3	7.9	
	A2	41.5	2	2.0	
	B1	42.1	8	4.0	3.4
	B	44.2	62	2.4	0.6
	B/C	41.4	26	2.0	1.2
Lower slope	A	47.3	7	3.7	3.4
	A2	48.1	16	5.3	2.8
	B1	43.0	8	4.6	3.8
	B	44.1	76	2.7	0.6
	B/C	42.9	26	3.4	1.4
Valley floor	A	52.7	17	6.3	3.3
	A2	46.0	22	5.5	2.4
	B1	41.8	23	4.4	1.9
	B	40.5	76	4.5	1.0
	B/C	37.6	36	6.0	2.0