

PART B

B.1 SUMMARY OF THE MAP UNITS

Landform	Geology	Physiography	Soils	Native Vegetation	Land Use	Notable soil deterioration processes
Swamp	Quaternary riverine alluvium	Level to gently undulating depression	Uniform fine, Uniform coarse, Duplex (dark, yellow)	Riparian	Conservation	Waterlogging, minor compaction
Coastal Flats	Quaternary coastal alluvium	level	Uniform coarse, Uniform fine	Saltmarsh, <i>Juncus feransii</i> , <i>Leptospernum laevigatum</i> , <i>Banksia integrifolia</i>	Conservation	Salting, bank erosion, minor compaction
Dunes	Quaternary aeolian deposits	undulating - steep	Uniform coarse	<i>Leptospernum laevigatum</i> , <i>B. integrifolia</i>	Conservation, recreation	Wind, sheet erosion and mass movement
Plains	Quaternary riverine and coastal alluvium	level-undulating	Uniform coarse, yellow & brown Duplex, Uniform medium, brown Gradational	<i>B. integrifolia</i> , <i>B. serrata</i> , <i>Eucalyptus consideniana</i> , <i>E. botryoides</i> , <i>Angophora floribunda</i> , <i>E. sieberi</i> , <i>E. gummifera</i>	Grazing, conservation, forestry, gravel & sand extraction	Wind, sheet & rill erosion, compaction
Rises	Quaternary riverine and coastal alluvium Tertiary sediments	undulating	Uniform coarse, yellow & brown Duplex,	<i>E. globoidea</i> , <i>E. botryoides</i> , <i>E. consideniana</i> , <i>E. sieberi</i> , <i>Angophora firoibunda</i> , <i>B. serrata</i>	Grazing, conservation,	Sheet, rill and wind erosion minor gully erosion and compaction
			Yellow, brown & red Duplex, yellow/brown Gradational	<i>E. globoidea</i> , <i>E. sieberi</i> , <i>E. consideniana</i> , <i>Angophora firoibunda</i> , <i>E. muellerana</i> , <i>E. baxteri</i>	Forestry, gravel & sand extraction	Sheet, rill and wind erosion, minor gully erosion and compaction
Low hills	Tertiary sediments	undulating - rolling	Yellow, brown & red Duplex, Uniform coarse	<i>E. sieberi</i> , <i>E. globoidea</i> , <i>E. consideniana</i> , <i>E. muellerana</i> , <i>E. baxteri</i>	Recreation, forestry, conservation, sand & gravel extraction, water supply	Sheet, rill, gully erosion, some compaction.
	Palaeozoic sediments & metamorphics		Yellow, brown & red Duplex, red & brown Gradational	<i>E. sieberi</i> , <i>E. globoidea</i> , <i>E. sideroxylon</i> , <i>E. muellerana</i> , <i>E. obliqua</i> , <i>E. ovata</i> , <i>E. cypellocarpa</i> , <i>E. fastigata</i> , <i>E. nitens</i> , <i>E. dives</i> , <i>E. delgatensis</i>		
	Devonian Granitic rocks		Yellow & brown Duplex, red & brown Gradational	<i>E. sieberi</i> , <i>E. globoidea</i> , <i>E. sideroxylon</i> , <i>E. muellerana</i> , <i>E. obliqua</i> , <i>E. ovata</i> , <i>E. cypellocarpa</i> , <i>E. polyanthemos</i>	Forestry, conservation, grazing, recreation, water supply, gravel extraction	Sheet, rill, gully erosion (including tunnel erosion), some compaction, minor salting
	Tertiary Basalts	rolling	Yellow and dark Duplex, brown Gradational	<i>E. ovata</i> , <i>E. globulus maidenii</i> , <i>E. rubida</i> , <i>E. pauciflora</i> , <i>E. baxteri</i>	Grazing, forestry, conservation	Sheet, rill erosion, mass movement, compaction, some gully erosion
Limestone (Devonian)	Red & brown Gradational, brown Duplex		<i>E. globoidea</i> , <i>E. ovata</i> , <i>E. muellerana</i> , <i>E. consideniana</i>	Forestry, grazing, conservation	Sheet, rill and some gully erosion, minor mass movement, some compaction	

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Hills	Tertiary sediments	rolling - steep	Yellow, brown & red Duplex, Gradational	<i>E. sieberi</i> , <i>E. globoidea</i> , <i>E. consideniana</i> , <i>E. muellerana</i>	Conservation, forestry, recreation, water supply	Sheet, rill minor gully erosion, minor mass movement and minor compaction
	Palaeozoic sediments & metamorphics	rolling - very steep	Yellow, brown & red Duplex, red & brown Gradational	<i>E. albens</i> , <i>E. globoidea</i> , <i>E. muellerana</i> , <i>E. baxteri</i> , <i>E. macrorhyncha</i> , <i>E. ovata</i> , <i>E. dives</i> , <i>E. obliqua</i> , <i>E. cypellocarpa</i> , <i>E. viminialis</i> , <i>E. fastigata</i> , <i>E. delegatensis</i>	Forestry, conservation, recreation, water supply, gravel extraction	Sheet, rill minor gully erosion, minor mass movement and compaction, minor salting
	Devonian Granitic rocks	rolling - very steep	Yellow, brown & red Duplex, brown Gradational	<i>E. albens</i> , <i>E. globoidea</i> , <i>E. muellerana</i> , <i>E. baxteri</i> , <i>E. ovata</i> , <i>E. dives</i> , <i>E. macrorhyncha</i> , <i>E. obliqua</i> , <i>E. sieberi</i> , <i>E. cypellocarpa</i> , <i>E. viminialis</i> , <i>E. fastigata</i> , <i>E. nitens</i> , <i>E. delgatensis</i>	Forestry, grazing, conservation, recreation, water supply	Sheet, rill, gully erosion (including tunnelling), mass movement and some compaction
	Limestone (Devonian)	rolling	Red Gradational, red Duplex	<i>E. globoidea</i> , <i>E. sieberi</i> , <i>E. muellerana</i> , <i>E. baxteri</i> , <i>E. radiata</i> , <i>E. dives</i> , <i>E. cypellocarpa</i>	Forestry, grazing	Sheet, rill & minor gully erosion and compaction
Devonian Acid Volcanics	undulating - very steep	Red & brown Gradational, Uniform medium, yellow & brown Duplex	<i>E. obliqua</i> , <i>E. cypellocarpa</i> , <i>E. fastigata</i> , <i>E. nitens</i> , <i>E. delegatensis</i> , <i>E. globoidea</i> , <i>E. baxteri</i> , <i>E. muellerana</i> , <i>E. macrorhyncha</i> , <i>E. radiata</i> , <i>E. dives</i> , <i>E. polyanthemos</i>	Conservation, recreation, forestry	Sheet, rill & gully erosion, some compaction	

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Scarps	Palaeozoic sediments & metamorphics	steep - precipitous	Red & brown Gradational, yellow, brown and red Duplex; often shallow, stony	<i>E. albens</i> , <i>E. polyanthemos</i> , <i>E. globoides</i> , <i>E. muellerana</i> , <i>E. baxteri</i> , <i>E. macrorhyncha</i> , <i>E. radiata</i> , <i>E. dives</i> , <i>E. cypellocarpa</i> , <i>E. obliqua</i> , <i>E. fastigata</i> , <i>E. nitens</i>	Conservation, recreation, water supply, forestry	Sheet, rill erosion, mass movement, gully erosion
	Devonian Granitic rocks		Red & brown Gradational, yellow & brown Duplex, Uniform coarse; often shallow, stony	<i>E. albens</i> , <i>E. polyanthemos</i> , <i>E. globoides</i> , <i>E. muellerana</i> , <i>E. baxteri</i> , <i>E. macrorhyncha</i> , <i>E. radiata</i> , <i>E. dives</i> , <i>E. cypellocarpa</i> , <i>E. obliqua</i> , <i>E. fastigata</i> , <i>E. nitens</i> ,	Conservation, recreation, water supply, forestry	Sheet, rill erosion, mass movement, gully erosion
	Devonian acid volcanics		Red & brown Gradational, yellow & brown Duplex, Uniform coarse; often shallow and very stony	<i>E. polyanthemos</i> , <i>E. sieberi</i> , <i>E. globoides</i> , <i>E. muellerana</i> , <i>E. macrorhyncha</i> , <i>E. baxteri</i> , <i>E. radiata</i> , <i>E. dives</i> , <i>E. obliqua</i> , <i>E. cypellocarpa</i> , <i>E. fastigata</i> , <i>E. nitens</i>	Conservation, recreation	Sheet, rill erosion, mass movement, gully erosion
Plateau	Palaeozoic sediments & metamorphics	undulating - rolling	Red & brown Gradational, yellow, brown and red Duplex	<i>E. nitens</i> , <i>E. fastigata</i> , <i>E. obliqua</i> , <i>E. cypellocarpa</i> , <i>E. radiata</i> , <i>E. dives</i> , <i>E. elata</i> , <i>E. delegatensis</i> , <i>E. pauciflora</i> , <i>E. camphora</i> , <i>E. regnans</i>	Conservation, recreation, grazing, forestry, water supply	Sheet, rill erosion, some gully erosion, compaction and minor salting
	Devonian Granitic rocks		Red & brown Gradational, yellow and brown Duplex	<i>E. nitens</i> , <i>E. fastigata</i> , <i>E. obliqua</i> , <i>E. cypellocarpa</i> , <i>E. radiata</i> , <i>E. dives</i> , <i>E. elata</i> , <i>E. delegatensis</i> , <i>E. pauciflora</i> , <i>E. camphora</i> , <i>E. regnans</i>	Conservation, recreation, forestry, water supply	Sheet, rill erosion, gully erosion, compaction and minor salting