

# 584121

## PARKHAM

In the west of the Region is an area of undulating plains formed on Tertiary sands, clays and gravels. The main occurrences of this system are near Parkham and to the west of Frankford. Small areas of the Rubicon River Land System (593121) have been included in this system.

Deep mottled duplex and gradational soils have developed on all components except the upper dissected plain. A gravel soil with a shallow gravelly

loam surface has developed on the latter component. The soil on the lower terrace is poorly drained.

A low woodland of paperbark and swamp gum is found on the lowest component, while the vegetation on the other three components is predominantly black peppermint, stringybark and white gum.

Grazing, forestry, nature conservation and gravel quarrying are the major land uses. The gravel quarrying is restricted to the upper dissected plain.

Principal hazards are sheet and rill erosion and waterlogging.

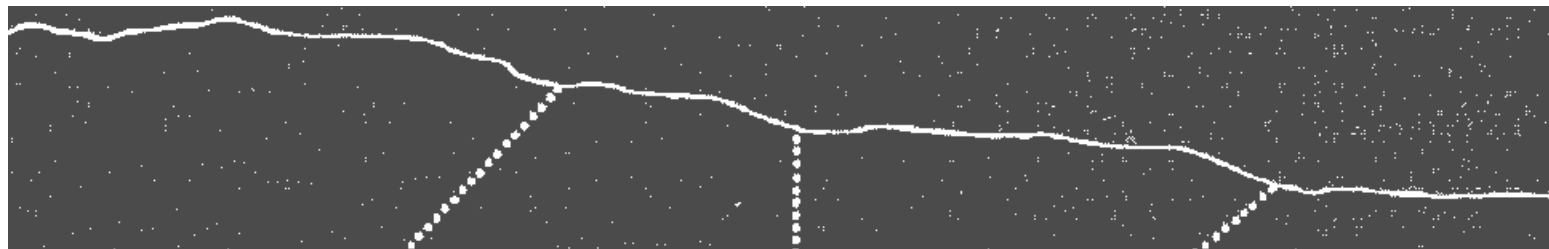


Undulating plains of Parkham land system with Dalgarth Hill Land system (572141) in background.

**LAND SYSTEM**

584121

Parkham



|                     |  |  |   |   |
|---------------------|--|--|---|---|
| COMPONENT           | 1  | 2  | 3   | 4   |
| PROPORTION %        | 35   | 15   | 30  | 20  |
| CLIMATE             | Average Annual Rainfall 1 000-1 250 mm                         |  |   |   |
| GEOLOGY             | Tertiary sands, clays and gravels                              |  |   |   |
| TOPOGRAPHY          |  |  |   |   |
| Land form           | Undulating plains  |  |   |   |
| Position            | Residual surface   | Upper dissected plain                                    | Lower dissected plain   | Lower terrace   |
| Average Sideslope ° | 4  | 4  | 3   | 2   |
| NATIVE VEGETATION   |  |  |   |   |
| Structure           | Open-forest  | Woodland   | Closed-scrub  | Low woodland  |
| Association         | Stringybark, black peppermint, manuka, silver wattle           | Black peppermint, white gum, stringybark, prickly mimosa | Black peppermint, woolly tea-tree, prickly mimosa, manuka     | Paperbark, swamp gum  |
| SOIL                | Mottled strong brown (7.5 YR 5/8) grey (10 YR 6/1) duplex soil | Light grey (10 YR 7/1) gravel soil                       | Mottled grey (5 YR 6/1) strong brown (7.5 YR 5/6) duplex soil | Mottled dark grey (5 YR 4/1) yellowish brown (10 YR 5/4) gradational soil |
| Surface Texture     | Sandy loam   | Gravelly loam  | Sandy loam  | Clay loam   |
| Permeability        | Mod  | erate  | Low   |   |
| Average Depth m     | 1.8  | 1.4  | 1.8   | 1.9   |
| PRESENT LAND USE    | Grazing, forestry  | Gravel pits, forestry                                    | Nature conservation, grazing, forestry                        |   |
| HAZARDS             | Moderate sheet erosion   | Low sheet erosion, rilling                               |   | Waterlogging  |