

# 553241

## SIDELING

These relatively steep hills have formed on the sandstone-mudstone sequence of deposits of the Lower Devonian-Tremadocian-Cambrian period. The major occurrences of the system are in the Lilydale-Sideling Range, and Burns Creek-Upper Blessington areas and to the north-east of Mathinna.

Stony duplex and gradational soils have developed on the three upper components. The clay soil on the lower slopes and swales is mottled. Soils on the steeper slopes are generally redder than those on the gentler slopes.

Tasmanian ironbark, stringy gum and various rain-forest species dominate the tall open-forest on the sharp ridge tops. The tall open-forest and open-forest on the other components is predominantly stringy gum, white gum and stringybark, with an understorey of prickly mimosa, native hop, *Acrotriche serrulata* and *Hakea* spp. Large areas of pine plantations occur on all components.

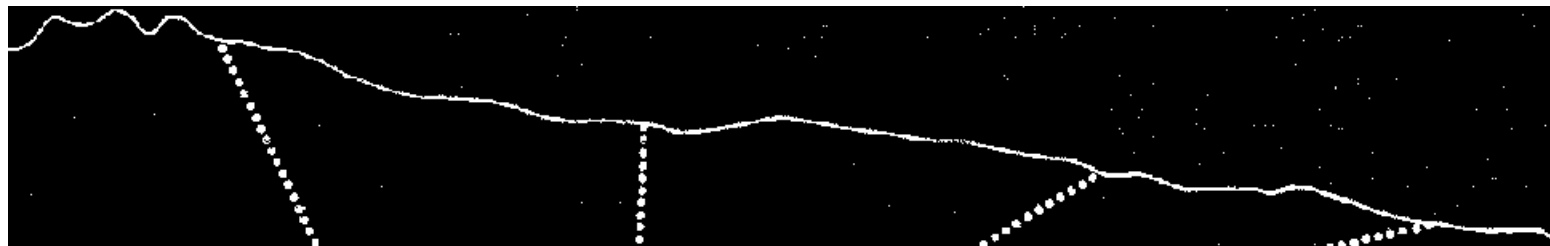
Major land uses include forestry (hardwood and softwood), nature conservation and grazing. Small areas have been partially cleared and are used for rough grazing.

Principal erosion hazards are sheeting and rilling.

**LAND SYSTEM**

553241

Sideling



COMPONENT	1	2	3	4	5
PROPORTION %	15	25	30	20	10
CLIMATE	Average Annual Rainfall 1 000-1 250 mm				
GEOLOGY	Lower Devonian— Tremadocian— Cambrian (Mathinna Beds)				
	sandstone— mudstone sequence				
TOPOGRAPHY					
Land form	Relatively steep hills				
Position	Sharp ridge tops	Steep upper slopes	Gentle mid slopes	Moderate lower slopes	Lower slopes & swales
Average Sideslope °	18	25	8	10	5
NATIVE VEGETATION					
Structure	Tall open-forest		Open-forest		
Association	Tasmanian ironbark, stringy gum, bull-oak, myrtle, sassafras, waratah, blackwood, silver wattle, native cherry, <i>Hakea</i> sp.	Stringy gum, white gum, stringybark, prickly mimosa, native hop, <i>Acrotriche serrulata</i> , <i>Hakea</i> sp.	Stringybark, stringy gum, black peppermint, heath, <i>Helichrysum dendroideum</i> , <i>Bedfordia salicina</i> , guitar plant	Stringybark, white gum, silver wattle, <i>Bedfordia salicina</i> , <i>Helichrysum dendroideum</i> , bracken fern	Stringybark, white gum, black peppermint, prickly box, guitar plant, paperbark
SOIL	Stony, red (2.5 YR 5/8) duplex soil	Stony, yellowish red (5 YR 5/8) gradational soil	Stony, strong brown (7.5 YR 5/8) gradational soil	Reddish yellow (5 YR 6/8) gradational soil	Mottled, brownish yellow (10 YR 6/6) grey (10 YR 6/1) clay soil, uniform texture
Surface Texture	Sandy loam		Sandy clay loam		Light clay
Permeability	Moderate				
Average Depth m	•- 0.4	0.6	0.9	1.2	1.5
PRESENT LAND USE	Forestry, nature conservation, grazing				
HAZARDS					
	Severe sheet and rill erosion		Moderate sheet and rill erosion		Low gully erosion