

464122

ST MARYS

An area of undulating plains formed on Permian mudstones and sandstones is found in the Fingal Valley between St Marys and the confluence of the Break O'Day and South Esk Rivers. It is traversed for its entire length by the Esk Main Road.

The mottled duplex soil supports a low woodland of black peppermint, silver wattle and white gum.

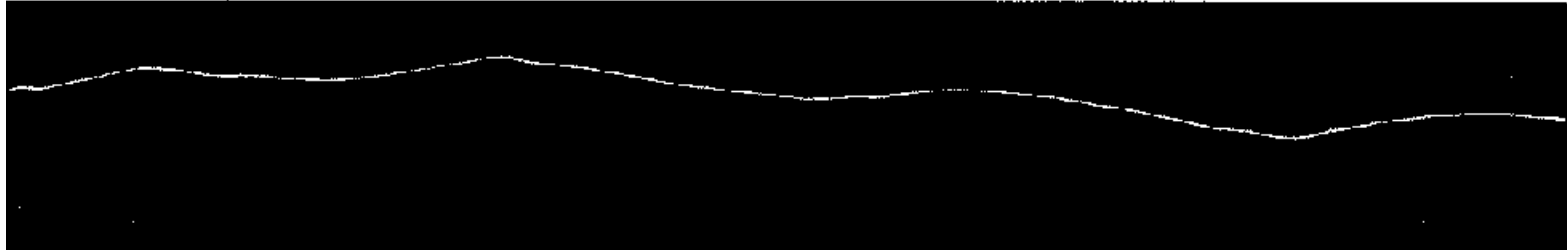
Almost the entire area has been cleared and sown to improved pasture for grazing. Small areas are cultivated and used for cropping.

Hazards are low sheet, wind and rill erosion, and flooding during the winter months. The flatter areas along the Break O'Day River are frequently inundated, often resulting in the closure of the Esk Main Road.

LAND SYSTEM

464122 St

Marys



COMPONENT	1
PROPORTION %	100
CLIMATE	Average Annual Rainfall 750-1 000 mm
GEOLOGY	Permian mudstones, some sandstones
TOPOGRAPHY	
Land form	Undulating plains
Position	
Average Sideslope °	2
NATIVE VEGETATION	
Structure	Low woodland
Association	Black peppermint, silver wattle, white gum
SOIL	
	Mottled yellowish brown (10 YR 5/8) grey (10 YR 6/1) duplex soil
Surface Texture	Sandy loam
Permeability	Moderate
Average Depth m	1.7
PRESENT LAND USE	Grazing, cropping
HAZARDS	Flooding, low sheet, wind and rill erosion