

572242

CORNWALL

These rugged low hills have formed on a complex of parent materials, including Jurassic dolerite and associated Triassic and Permian deposits. The relatively steep upper slopes are mainly composed of dolerite scree from the adjoining Nicholas Range Land System (572351). The gentle mid slopes are composed of partially metamorphosed Triassic sandstone, while Permian sandstones and mudstones

comprise the gentle lower slopes. This system is restricted to an area near Cornwall in the south-east of the Region.

The gradational and mottled duplex soils support an open-forest dominated by stringybark, black peppermint, candle bark and Tasmanian ironbark.

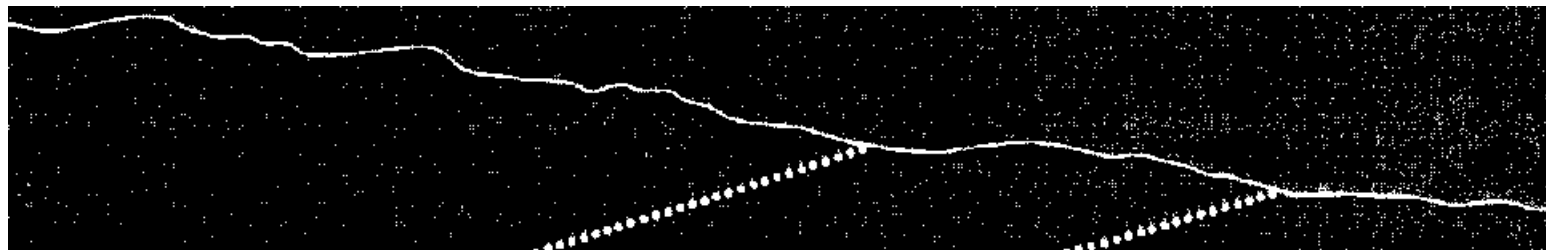
Principal land uses are forestry and mining, with large areas undeveloped. Coal mining was a major industry in the past, but only a number of small mines are now in operation.

Sheet and rill erosion are the main hazards.

LAND SYSTEM

572242

Cornwall



COMPONENT	1	2	3
PROPORTION %	55	25	20
CLIMATE	Average Annual Rainfall 1 000-1 250 mm		
GEOLOGY	Mainly dolerite scree	Jurassic dolerite and related rocks Dolerite effected Triassic sandstone	Permian sandstone and mudstone
TOPOGRAPHY			
Land form		Rugged low hills	
Position	Relatively steep upper slopes	Gentle mid slopes	Gentle lower slopes
Average Sideslope °	12	8	3
NATIVE VEGETATION			
Structure		Open-forest	
Association	Stringybark, white gum, black peppermint, native cherry, black wattle, <i>Olearia phlogopappa</i> , <i>Bedfordia salicina</i>	Black peppermint, candlebark, silver wattle, black wattle, dogwood, <i>Bedfordia salicina</i> , bracken fern	Tasmanian ironbark, black peppermint, she-oak, heath, bracken fern
SOIL			
	Stony, brown (10 YR 4/3) gradational soil	Brownish yellow (10 YR 6/8) gradational soil	Mottled yellowish brown (10 YR 5/8) grey (10 YR 6/1) duplex soil
Surface Texture	Clay loam	Sandy clay loam	Sandy loam
Permeability		Moderate	
Average Depth m	0.7	1.1	0.9
PRESENT LAND USE	Nature conservation, forestry, mining		
HAZARDS	Moderate sheet erosion		Moderate sheet and rill erosion