

578342

KEOGHS FALLS

This land system includes steep, forested slopes and associated waterfalls formed on sediments of the Upper Parmeener Supergroup below the Hartz Mountains (672452) Land System.

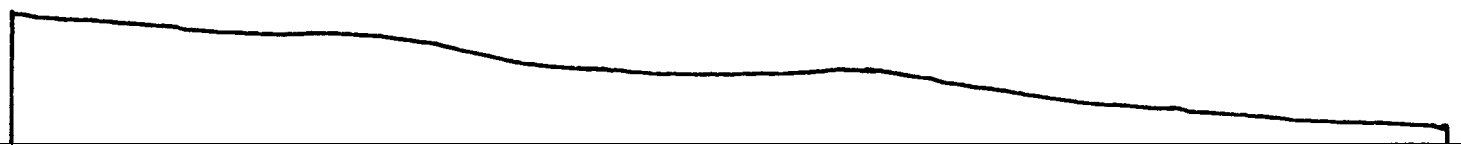
The steep slopes contain a duplex soil that consists of a clay loam to fine sandy loam surface over a light grey to dark yellowish brown, light clay with a strong brown mottle. The vegetation consists of an open to closed forest dominated by *Eucalyptus coccifera*, *Eucalyptus subcrenulata*, *Eucalyptus delegatensis*, *Eucalyptus nitida* and *Nothofagus cunninghamii*. Understorey species include *Eucryphia milliganii*, *Drimys lanceolata*, *Orites diversifolia*, *Prionotes cerinthoides*, *Richea pandanifolia*, *Aristotelia peduncularis*, *Trochocarpa cunninghamii* and *Gahnia grandis*.

The area is presently used for nature conservation (Hartz Mountains National Park) forestry and recreation. It is particularly susceptible to sheet and rill erosion. The country is related to the Lake Dobson Road (473241), Coal Hill (578151) and Southport Lagoon Plains (578121) Land Systems due to similar rainfall and geology.

LAND SYSTEM  
Keoghs Falls

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Area (ha):  
1326



COMPONENT	A	
PROPORTION (%)	100	
RAINFALL (mm)	Approximate Annual Rainfall: 1000-1250	
GEOLOGY	Triassic Mudstone, Siltstone, Sandstone	
TOPOGRAPHY	Steep Slopes	
Position	Forested Slopes	
Typical Slope (o)	20-30	
<b>NATIVE VEGETATION</b>		
Structure	Open Forest / Closed Forest	
Floristic Association (See Appendix 1 for common names)	<u>Eucalyptus coccifera</u>	<u>Richea pandanifolia</u>
	<u>Eucalyptus subcrenulata</u>	<u>Aristotelia peduncularis</u>
	<u>Eucalyptus nitida</u>	<u>Trochocarpa cunninghamii</u>
	<u>Eucalyptus delegatensis</u>	<u>Gahnia grandis</u>
	<u>Eucalyptus lucida</u>	
	<u>Nothofagus cunninghamii</u>	
	<u>Leptospermum lanierum</u>	
	<u>Telopea truncata</u>	
	<u>Eucryphia milliganii</u>	
	<u>Drimys lanceolata</u>	
<u>Orites diversifolia</u>		
<u>Prionotes cerinthoides</u>		
<b>SOIL</b>		
Surface(A)Texture	Clay Loam/Fine Sandy Loam	
B Horizon(subsoil) Colour (moist) Texture and primary profile form	Lightgrey (10YR7/1) to dark yellowish brown light clay with strong brown (7.5 YR 5/8) mottle. Duplex.	
Permeability	Moderate	
Typical depth(m)	0.70	
LAND USE	Nature Conservation, Forestry, Recreation	
HAZARDS	Moderate to High Sheet, Rill Erosion	