

## Leigh Creek South Map Extract (May 2005)

*The map extract and aerial photograph show an area in the interior of southern Australia.*

*Leigh Creek South (30.6°S, 183.4°E) is a town with a population of 700.*

*It has a hot dry desert climate with an annual rainfall of 200 mm.*

*It is a company town established in 1981 for the nearby open cast coal mine.*

*Mining and tourism are the main economic activities.*

*The map scale is 1:50 000 and the contour interval is 10 m.*

*The aerial photograph scale is 1:44 000.*

1. Referring to the map, describe and explain the relationship between the pattern of communications and the main human and physical features.
2. Describe and suggest reasons for the man-made water systems on the map.