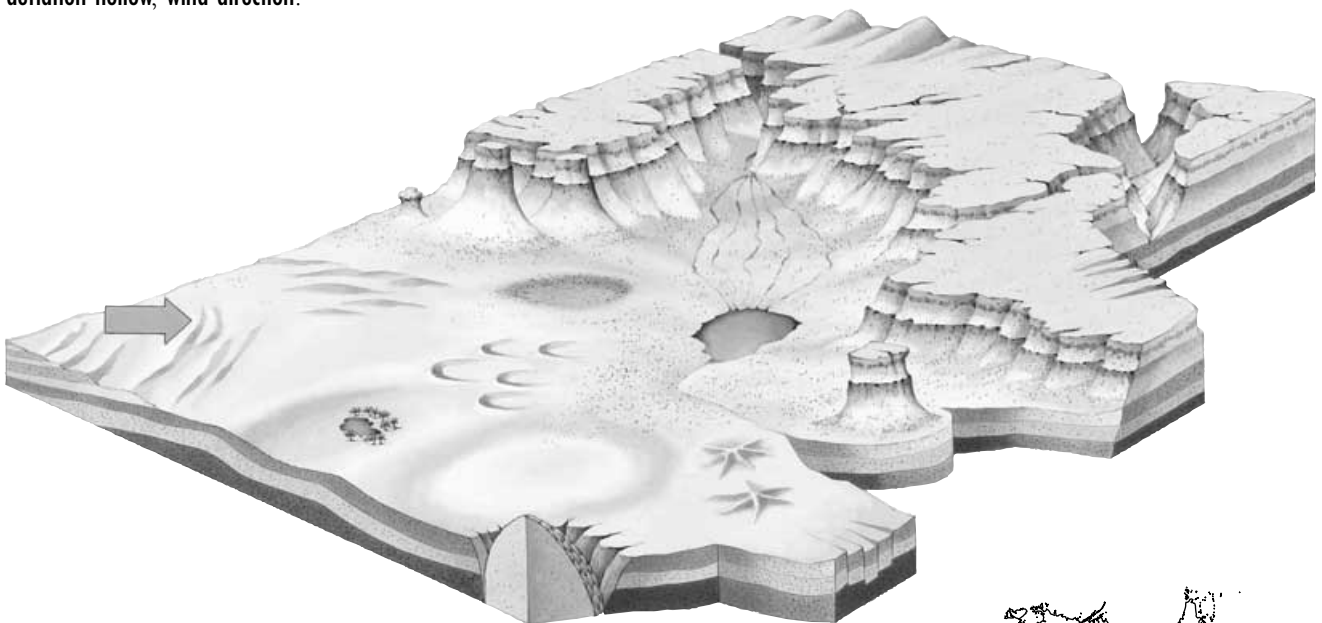


**DATELINE:** Deserts are arid areas of land that receive less than 250 millimetres of rainfall each year. They cover more than one-third of the world's land surface. The edge of the world's largest desert, the Sahara, is spreading at the rate of six kilometres per year. The process of desertification mainly due to overcultivation and overgrazing is affecting all of the world's deserts, including those in Australia.

- Where are deserts located?
  - On a blank world map and using the Annual Rainfall map on page 14 of the *Jacaranda Atlas*, mark the areas in each continent where there are deserts.
  - Refer to individual continent physical maps to check locations and add the names of the larger deserts to the map.
- How are deserts formed and what landforms do they contain?
 

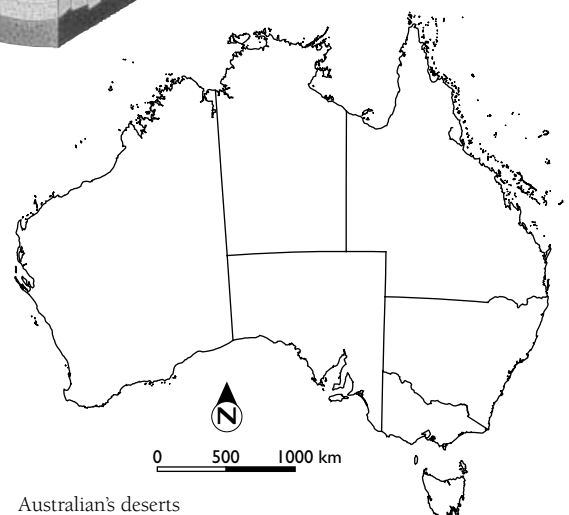
Use the information on page 11 of the *Jacaranda Atlas* to answer this question.

  - In hot arid areas, deserts form when \_\_\_\_\_ pick up \_\_\_\_\_ particles and carry them many kilometres. Sand \_\_\_\_\_ are shaped by the \_\_\_\_\_ and \_\_\_\_\_ of the wind. These have various names such as \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ dunes according to their \_\_\_\_\_ and direction.
  - On the blank diagram below, label the following features often found in deserts: **clay pan, butte, wadi, alluvial fan, oasis, barchan dune, star dune, transverse dune, longitudinal dune, gibber plain, mesa, bolson, braided stream, playa lake, rock shelf, inselberg, deflation hollow, wind direction.**



Desert systems

- Deserts in Australia
  - On the map of Australia provided, use page 11 of the *Jacaranda Atlas* to shade and label the following deserts: **Great Sandy Desert, Simpson Desert, Sturts Stony Desert, Tanami Desert, Tirari Desert, Great Victoria Desert, Canning Desert, Little Sandy Desert, Gibson Desert, Central Desert, Strzelecki Desert.**
  - Which state of Australia has the greatest area of desert? \_\_\_\_\_
  - Which state/s of Australia have no desert areas? \_\_\_\_\_



Australian's deserts