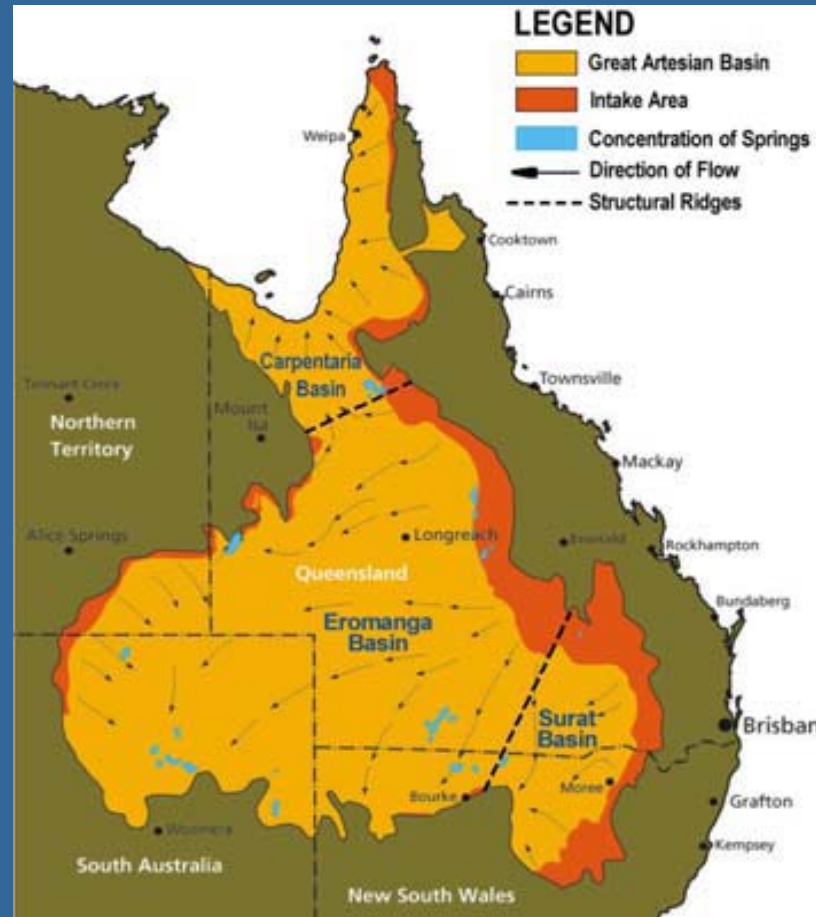


The Great Artesian Basin



Extent of the Great Artesian Basin

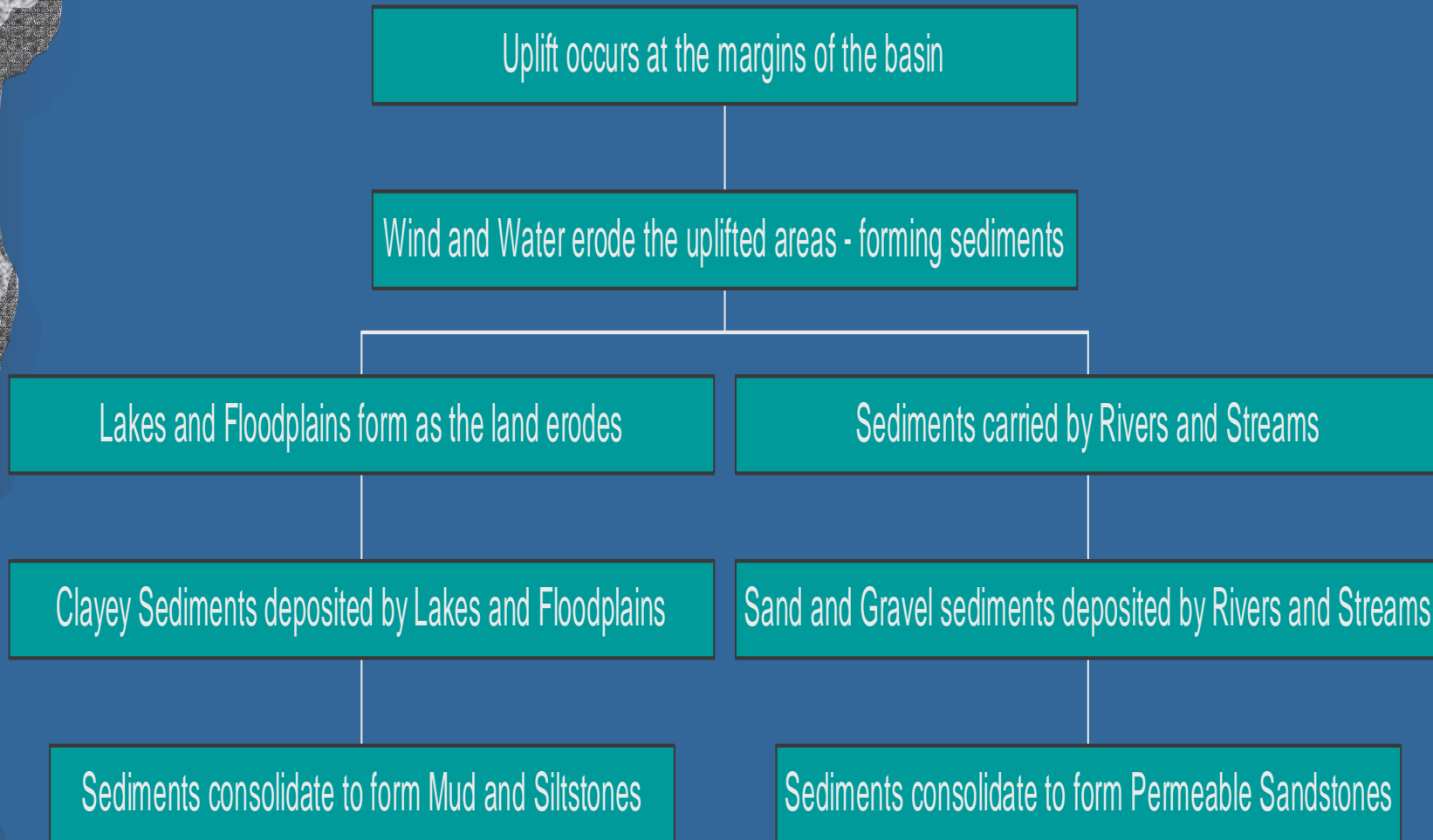




What is the Great Artesian Basin?

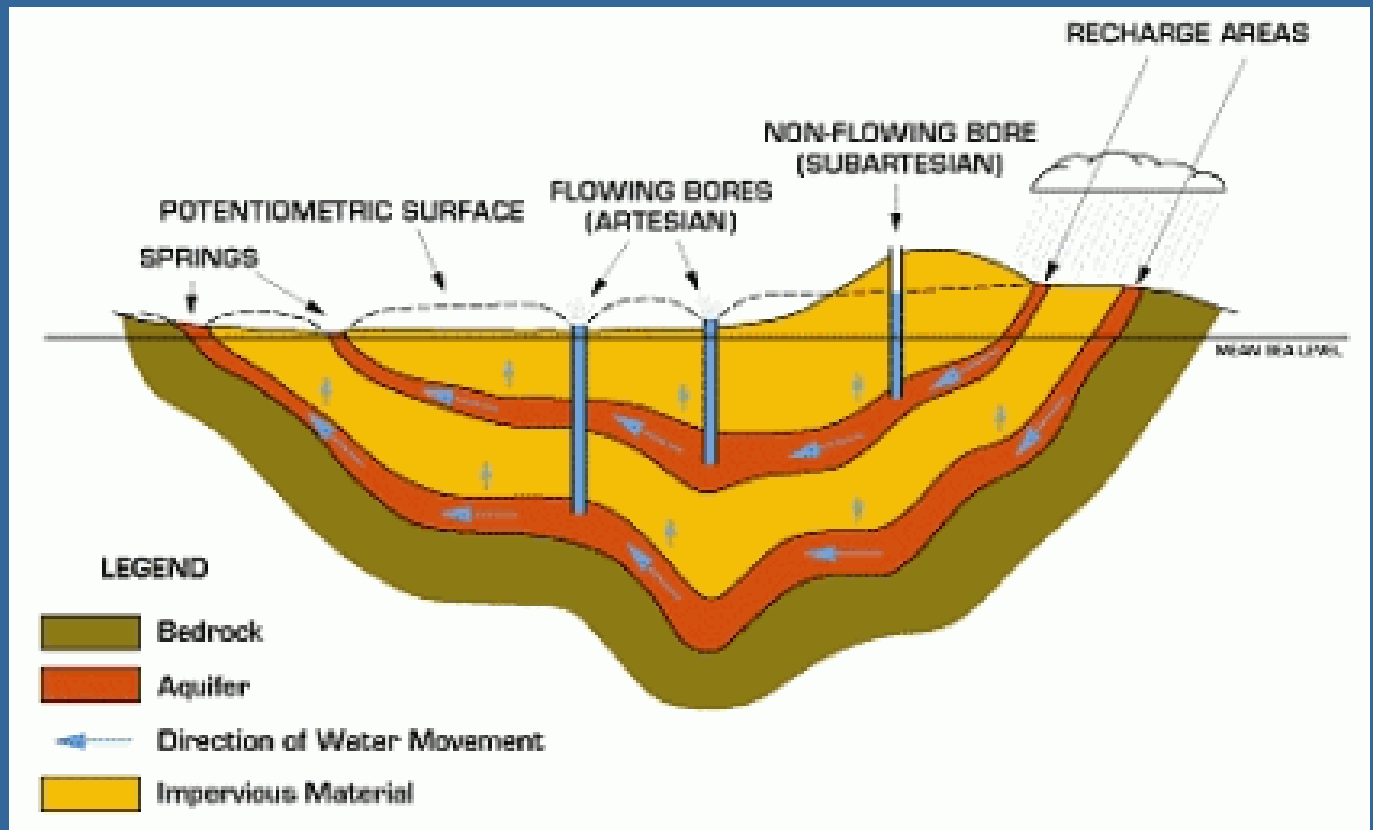
- A hydrological basin made up of a vertical succession of sediments
- The main water bearing formations are permeable Sandstones
- The permeable sandstones are confined by mudstones and siltstones
- The thickness of sediments in the basin varies from 100m to 3000m

How was it formed?



Structure

- *Cross Section of the Great Artesian Basin*



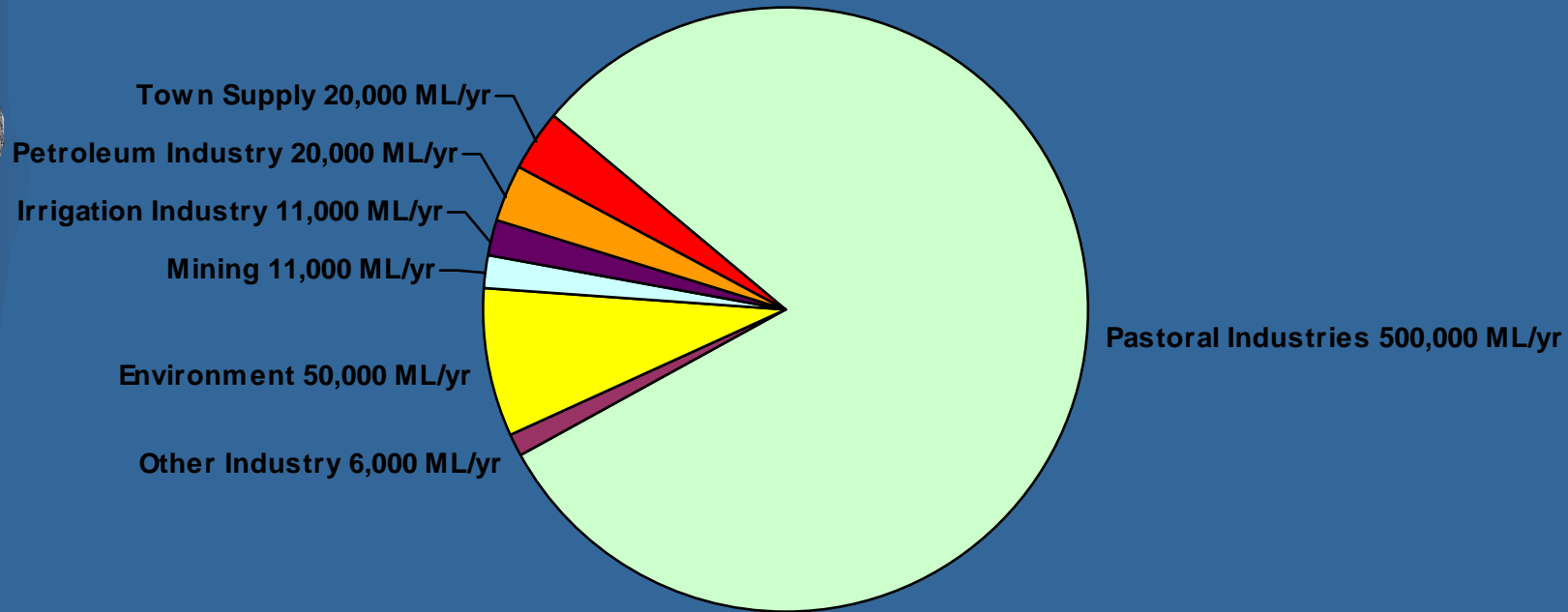
Why an Artesian Bore Flows



Water Use in the Basin

- 4,700 Artesian Bores
- 880 uncontrolled bores
- Total Basin extraction about 570,000ML per annum
- Town Water Supply extracts about 20,000ML per annum
- 70 Towns rely on Artesian Water

Breakdown of Water Users



Questions ?

