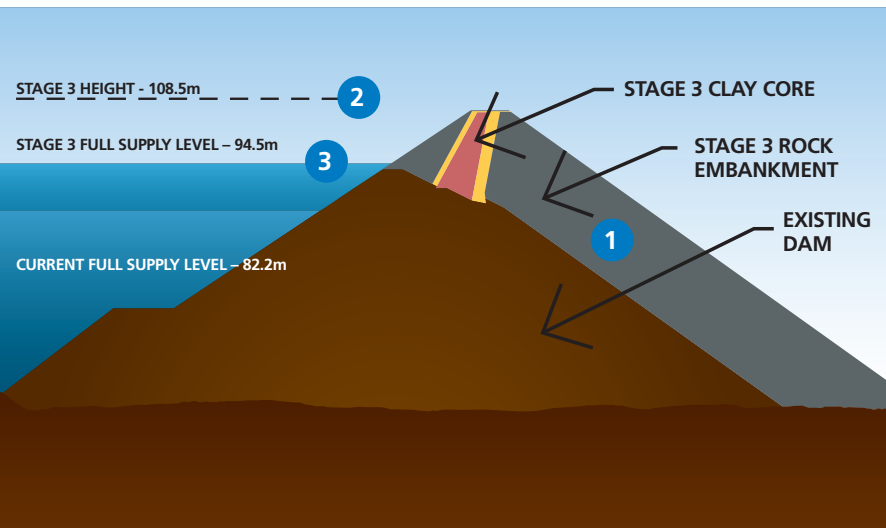




Case Study



Hinze Dam Stage 3 Key Features

- 1 Embankment**
A wall constructed with clay to provide a water barrier and rock fill to provide stability.
- 2 Dam crest level**
The height in metres above sea level to the top of the embankment.
- 3 Full supply level**
The maximum water level and maximum volume of water that can be stored in the dam for water supply.
- 4 Passive spillway**
A permanently configured spillway designed to pass flood events safely without operation of gates or moving parts.
- 5 Two-level spillway**
The spillway consists of a low-level and high-level spillways..
- 6 Flood outflow**
The rate of flood waters passing through the spillway in flood events.
- 7 Training walls to downstream chute**
Concrete walls used to guide the flood outflow toward the downstream chute.
- 8 Downstream chute**
Concrete channel that carries flood flows to the Nerang River.