

Ravensthorpe Evaporation Ponds

Construction - Resources Infrastructure

Project

Bulk Earthworks and Construction of Evaporation Ponds at Ravensthorpe Nickel Mine

Client/EPCM

BHP Billiton - Ravensthorpe Nickel Operations

Value

\$80,789,124

Description

From August 2004 until April 2009 Ertech was responsible for the construction of 20 evaporation ponds, tailings dams, settling basins and distribution pipe work at Ravensthorpe Nickel Mine.

Bulk earthworks involving excavation of basins and construction of embankments and crest roads, surface preparation of basin floors and walls.

Supply, installation and anchoring of HDPE liner, supply and installation of ballast.

Ancillary works including settling ponds and construction of 600mm diameter welded HDPE distribution line, valves and 225mm diameter HDPE pond feeder pipework, outlets and spillways.

- Over 3,623,000m² clearing
- 470,000m³ topsoil stripping
- 2,261,820m³ bulk earthworks
- 2,265,629m² 1.5mm HDPE liner
- 10km of access tracks
- Over 28km pipework and subsoil drains
- 234,000m² hardstand pavements

Location

Ravensthorpe is located approximately 560km south east of Perth, Western Australia.



"...getting it right and on time"