

Ravensthorpe Nickel Project

Construction - Greenfields Mine Infrastructure

Project

Ravensthorpe Nickel Project

Client/EPCM

BHP Billiton - Ravensthorpe Nickel Operations

Value

\$238.9 Million

Description

Since commencement in Ravensthorpe in 2004, Ertech were heavily involved in the development of the mine site's infrastructure over a range of disciplines.

Ertech demonstrated capability in constructing the necessary infrastructure to bring the Ravensthorpe Nickel Mine to production. Ertech then continued to provide services to the mine whilst working alongside the mine site's operations.

The project team was able to deliver the following infrastructure "under the one roof":

- 18 evaporation ponds, tailings dams and settling ponds totalling 1,900,000m³ of bulk earthworks and 2,300,000m² of HDPE liner
- 1500 man construction camp and 300 man executive accommodation camp including building installation and all roads, paths and services
- 40km of 710mm diameter HDPE and 20km of 650mm diameter GROF seawater pipeline including valve and pumping stations
- 20km of miscellaneous HDPE pipe work, access roads and other services together with various concrete structures including footings, foundations and slabs.

Location

Ravensthorpe is located approximately 540km south east of Perth, Western Australia.



"...getting it right and on time"