

Rehabilitation

Yoganup

Rehabilitated land, 2015

Rehabilitation of a mineral sands mine to productive farming land and natural waterways in the South West of Western Australia

The Yoganup deposit was mined from 2004 to 2009. Over 1.9 million tonnes of heavy mineral concentrate was produced. Prior to mining, the site was productive dairy farmland with the Tiger Gully and Ludlow River watercourses flowing through the site. The watercourses featured cutting meanders and deep channels, which were exacerbating erosion. In places, the waterways were fringed by mostly degraded vegetation.

Prior to mining, a surface water drainage management system was developed. This system allowed for progressive mining and the subsequent reconstruction of the two waterways. Regular consultation was conducted with landowners, local and State Governments and local interest groups to determine appropriate land use post mining. The discussions resulted in detailed soil return and farm use plans which were signed off by the land owners.

Key outcomes from the rehabilitation program

- Reconstructed streams designed to have improved ecological and morphological values than the pre mine situation
- Planting of riparian and farm tree belt vegetation providing nesting habitat for birds and aquatic niches
- Highly productive dairy production farm land

Yoganup

The Yoganup mine site is located in the South West of Western Australia, approximately 10km from Capel. Iluka has been operating in the South West for over 60 years and Yoganup is just one of several sites across the region that has been, or is currently being, rehabilitated back to its natural landform and usage.

Iluka's rehabilitation practices

Rehabilitation of areas subject to mining is a major focus of Iluka's environmental management activities. The Company has an established record of land rehabilitation over several decades. Iluka's rehabilitation credentials have been an important component of the company gaining access to new mining areas, particularly where mining has not been a common part of land usage patterns.

A feature of Iluka's rehabilitation activities is to undertake progressive rehabilitation in conjunction with ongoing mining activities where possible.

