

Isaac Downs Coal Project

Ecological Survey & Management completed the terrestrial ecological assessment for the proposed Isaac Downs coal mine adjacent to the Isaac River near Moranbah in Central Queensland. The project involved detailed seasonal flora and fauna baseline surveys using standard techniques to map vegetation and habitat and determine threatened species present or likely to be present in the study area. This then allowed the ecological constraints and opportunities to be identified to inform mine planning.

A detailed assessment of impacts in accordance with relevant State and Commonwealth guidelines was completed once the mine plan had been finalised. This included working closely with engineers to assess potential ecological impacts associated with modelled hydrological and hydro-geological changes to flooding and groundwater levels respectively.



Terrestrial flora and fauna surveys
EPBC Act referrals and negotiations
Offset assessment and management including Offset Management Plans
Threatened species assessment and management
Opportunities and constraints analysis
Vegetation management plans
Rehabilitation Plans
Species Management Programs under the Queensland *Nature Conservation Act 1992*
On-ground fauna management (spotter/catcher works)
Development of environmental management plans for ecological protection.



Ecological Survey & Management
M 0448 899 649
E contact.team@ecosm.com.au

ecosm.com.au