

Bluff Terrestrial Flora and Fauna Impact Assessment

The Bluff Project is to be an open cut coal mine located approximately 150km west of Rockhampton in central Queensland. The project area is 526ha in size.

Seasonal field surveys were undertaken for the project area and included a range of flora and fauna survey techniques, including:

- Detailed flora survey at 86 sites
- 8 systematic fauna trap sites
- 22 supplementary fauna sites
- 26 Koala line transects
- Random traverses
- Targeted threatened species searches and mapping
- Vegetation polygon mapping

A total of 318 flora and 154 terrestrial vertebrate fauna species were recorded in the study area.

Four species listed under Queensland and Commonwealth legislation were identified. A total of 342 ha of remnant vegetation will require clearing. Measures were developed to minimise impacts to listed species and overall offset liability.

An efficient and comprehensive field survey program was developed for the site, which enabled a thorough understanding of the ecological constraints to design and approval of the project.

Additional surveys were not required and our team was able to provide follow up information and advice to our client and authorities based on the two seasonal field surveys. This avoided a pro-longed impact assessment schedule.



Terrestrial flora and fauna surveys
Regional Ecosystem map verification and modification
Threatened species assessment and management
Population estimates and mapping
Vegetation management plans
Species Management Plans
Assessing legislative implications and identifying approval pathways

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