

Aurukun Bauxite Project

Ecological Survey & Management successfully completed detailed seasonal flora and fauna surveys for the Aurukun Bauxite Project. The study area was located in a remote area on the western side of Cape York and covered an area of approximately 24,000 ha. The project presented a number of logistical and safety challenges associated with working across a large, remote study area that required detailed planning to overcome.

An efficient and comprehensive field survey program was developed that generated a thorough understanding of the ecological issues for the project. The project team prepared baseline reports and are currently working on the impact assessment phase of the project. The surveys involved working closely with traditional owners to share skills and knowledge and learn the traditional values of local flora and fauna.

Detailed vegetation and habitat mapping was completed along with standard flora and fauna survey techniques including a large scale infra-red camera program. The survey recorded a number of threatened fauna species including some species that only occur in the Cape York bioregion. Helicopter based surveys were used to map vegetation and habitat in areas that were inaccessible by other means.



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