

CREEK DIVERSION CURRAGH MINE



Ecological Survey & Management was engaged as a sub-consultant to Parsons Brinckerhoff to conduct a fauna survey of a section of Blackwater Creek on the Curragh coal mine that was proposed to be diverted to allow for future mining activities.



The creek supported a thin band of relatively intact fringing vegetation while the remainder of the study area supported disturbed vegetation. A number of threatened fauna species were identified from the study area including the Brigalow Scaly Foot (*Paradelma orientalis*) and the Little Pied Bat (*Chalinolobus picatus*).



Ecological Survey & Management undertook a review of the Ecological Assessment Report and prepared several significance assessments under the Commonwealth *Environmental Protection and Biodiversity Conservation Act 1999* for the listed reptiles that were recorded from the study and were considered to potentially occur on the site. The assessments were used to determine if a significant impact to a matter of national environmental significance was likely and if a Referral to the Commonwealth was required under the Act.

Terrestrial flora and fauna surveys
Vegetation and weed mapping
Regional Ecosystem map verification and modification
Vegetation management plans
Rehabilitation plans
Assessing legislative implications and identifying approval pathways
Threatened species assessment and monitoring
Development of environmental management plans for ecological protection.



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