Titleholder: Geotech International Pty Ltd
Operator: Minemakers Australia Pty Ltd
Tenement: EL26693 (Barkly)
Report name: Annual Report for EL26693 (Barkly) for the period ending 23 October, 2011
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250,000 mapsheet: ALROY SE53-15
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SUMMARY

This nil report is for the third year of tenure for EL26693 where exploration is aimed at the discovery of economic phosphate deposits. The tenement is located 172km east-southeast of Tennant Creek and lies on the 1:250,000 ALROY SE53-15 sheet. It covers flat to undulating land on Dalmore Downs station with access via the Barkly and Tablelands Highways. Access within the tenement is limited to station tracks. The tenement covers 144 blocks (466 km²) and was granted on 24 October 2008 to Geotech International Pty Ltd for a period of six years and is the subject of a joint venture between Geotech (20%) and Minemakers Australia Pty Ltd (80%). It is located on the eastern edge of the Palaeoproterozoic Tennant Creek Inlier and covers undeformed Middle Cambrian sedimentary rocks on the southern edge of the Georgina Basin. It is approximately 100km to the southwest and along strike from the Alexandria, Alroy and Buchanan Dam phosphate deposits.

Early Cambrian deposition is represented by the Helen Springs Volcanics which unconformably overlie folded rocks of the South Nicholson Basin. Target stratigraphy is the Wonarah Formation of the Lower Cambrian Barkly Group which consists of dolomudstone, siltstone, chertified limestone, mudstone and grey massive limestone. This formation has been mapped to the east of the tenement and is assumed to underlie Cenozoic cover rocks in the tenement. Regolith is dominated by aeolian sand, travertine, claypans and ferruginous deposits.

Due to exploration commitments at Minemaker’s flagship Wonarah project, no on-ground exploration was completed during the reporting year. However, a Mining Management Plan (MMP) and a meeting with Native Title holders was conducted. A waiver was submitted and a partial relinquishment is planned to reduce the tenement area and associated commitment, and a work program will be planned accordingly for the retained area.