



ARAGON
RESOURCES LIMITED



Territory Phosphate Pty Ltd

Titleholder	Territory Phosphate Pty Ltd
Project Operator	as above
Titles/Tenements	EL27082
Tenement Manager/Agent	Austwide Mining Title Management Pty Ltd
Mine/Project Name	Barkly
Report Title	Final Surrender Report for the Barkly Project Tenement EL27082, for the Period Ending 31/08/2010
Personal Author	Kane Hutchinson
Corporate Author	Aragon Resources Ltd
Company Reference Number	AAG_R_FinalSurrender2010
Target Commodities	P ₂ O ₅
Date of Report	7 February 2011
Datum/Zone	GDA94/Zone 53
Graticular Blocks Surrendered	280 Blocks
250000K Mapsheet	Alroy, Wonarah
100000K Mapsheets	Alroy
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Executive Abstract

The Barkly Project tenement EL27082 was granted to Territory Phosphate Pty Ltd on 4th September 2009. Territory Phosphate Pty Ltd is a wholly owned subsidiary of Aragon Resources Ltd.

The Georgina Basin is the largest intracratonic basin on the North Australian Craton. The Basin includes rocks of Neoproterozoic to Devonian age, with Cambrian platform carbonate rocks dominating basin fill. The southern Georgina Basin includes a thick sequence of Cambrian-Ordovician sediments, deposited within the Dulcie Trough and the adjoining Elkedra Shelf structural elements of the Basin.

No work was undertaken within the tenements during the reporting period.

The tenement is underlain by sediments considered unlikely to host significant phosphate mineralisation.

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1. Introduction

The Barkly tenement is accessed from the Tableslands Hwy turning north from the Barkly Hwy (sealed road). Station tracks allow access across the tenements as the land is encompassed by the Alroy Downs Pastoral leases. The tenement lies 140km east of Three Ways (central NT).

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2. Location and Tenure

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Table 1: Tenure Details

Tenement Number	Grant Date	Surrender / Expiry Date	blocks
EL27082	4/09/2009	31/08/2010	280

3. Geology

The Georgina Basin is the largest intracratonic basin on the North Australian Craton. The Basin includes rocks of Neoproterozoic to Devonian age, with Cambrian platform carbonate rocks dominating basin fill. The southern Georgina Basin includes a thick sequence of Cambrian-Ordovician sediments, deposited within the Dulcie Trough and the adjoining Elkedra Shelf structural elements of the Basin.

The Cambrian stratigraphy of the southern Georgina Basin includes units of the Shadow and Narpa Groups, significantly:

- the mid-Cambrian Thornton Limestone – a limestone and dolostone unit with phosphorite beds
- the mid-Cambrian Arthur Creek Formation – deep-water anoxic organic-rich shales overlain by shallow-water aerobic calc- and dolo-siltstones

4. Exploration Activities

No work was undertaken within the tenements during the reporting period.

5. Results

The tenement is underlain by sediments considered unlikely to host significant phosphate mineralisation.

6. Conclusions

7. References

Dunster JN, Kruse PD, Duffett ML and Ambrose GJ, 2007. Geology and resource potential of the southern Georgina Basin. *Northern Territory Geological Survey, Digital Information Package DIP007* (October 2007).

Khan M, Ferenczi PA, Ahmad M and Kruse PD, 2007. Phosphate testing of waterbores and diamond drillcore in the Georgina, Wiso and Daly Basins, Northern Territory. *Northern Territory Geological Survey, Record 2007-003*.

Stidolph PA, Bagas L, Donnellan N, Walley AM, Morris DG and Simons B, 1988. Elkedra, Northern Territory (Second Edition). *Northern Territory Geological Survey, 1:250000 geological map series explanatory notes SF53-7*.