



North  
Australian  
Diamonds  
Limited

ABN 86 009 153 119

## **Final Surrender Report**

### **Exploration Licence 27755**

***Holder:*** North Australian Diamonds Limited

***Operator:*** North Australian Diamonds Limited

***Reporting Period:*** 20<sup>th</sup> September 2010 to 23<sup>rd</sup> August 2012

***Sheet Reference:*** Bauhinia Downs (SE53-03) & Wallhallow (SE53-07) 1:250,000

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Copies To:	Department of Mines and Energy - NT NADL
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**SUMMARY**

*This Final Surrender Report outlines exploration activities undertaken by North Australian Diamonds Limited on Exploration Licence 27755 between the 20<sup>th</sup> September 2010 and 23<sup>rd</sup> August 2012.*

*Exploration Licence 27755 is situated on Wallhallow (SE53-07) and Bauhinia Downs (SE53-03) 1:250,000 geological mapsheets and the Lancewood (6163) 1:100,000 topographic mapsheets in the Northern Territory. It is located around 120 kilometres south of Borroloola and is accessed via existing unsealed tracks leading north from Kiana Station.*

*Previous exploration includes diamond exploration by Ashton Mining and CRA and stream geochemical base metal exploration by Mount Isa Mines. The licence has previously been subjected to medium density diamond exploration sampling with all samples returning negative results for kimberlitic indicator minerals. Stream geochemical sampling for base metals has been restricted to areas draining Palaeoproterozoic lithologies.*

*During the reporting period discussions were held with a third party with regards to farming out the base metal rights. No agreement was reached and no further negotiations were held. The Company undertook a tenement wide review with EL27755 being considered low priority. As a result no field exploration was completed during the reporting period.*

*Total expenditure for the Final Year amounted to \$ 1,400.*

## 1.0 INTRODUCTION

This Final Surrender Report outlines exploration activities undertaken by North Australian Diamonds Limited on Exploration Licence 27755 between 20<sup>th</sup> September 2010 and 23<sup>rd</sup> August 2012.

## 2.0 LOCATION AND ACCESS

Exploration Licence 27755 is situated on Walhallow (SE53-07) 1:250,000 geological mapsheets and the Glyde (6164) and Lancewood (6163) 1:100,000 topographic mapsheets in the Northern Territory. It is located around 120 kilometres south of Borroloola and is accessed via existing unsealed tracks leading north from Kiana Station.

## 3.0 LICENCE DETAILS

EL 27755 was granted to North Australian Diamonds Limited on 20<sup>th</sup> September 2010.

*Table 1: Licence Details for EL27755.*

Name	Status	Grant Date	Surrendered Date	Holder
EL27755	Granted	20/09/2010	23/082012	North Australian Diamonds Limited

## 4.0 GEOLOGY

The exploration licence is located within the geomorphic region referred to as the Bukalara Ranges that consists of high level, dissected rocky plateau and ridges of resistant sediments. The licence also contains sand covered plateaux.

The oldest rocks that crop out over the licence are Palaeoproterozoic sediments of the McArthur Group. These occur within the south-western portion of the licence and also as inliers within the unconformably overlying Neoproterozoic Bukalara Sandstone in the central parts of the licence. Isolated outcrops of Cretaceous age, plant fossil-bearing silicified sandstone may occur on plateaux within the licence. Youngest sediments include surficial deposits of gravel, silt, sand and ferricrete and occur within numerous drainages and on several plateaux within the licence.

## 5.0 EXPLORATION

### Previous Exploration

Previous exploration includes diamond exploration by Ashton Mining and CRA and stream

geochemical base metal exploration by Mount Isa Mines. The licence has been subjected to medium density diamond exploration sampling with all samples returning negative results for kimberlitic indicator minerals. Stream geochemical sampling for base metals has been restricted to areas draining Palaeoproterozoic lithologies.

### **NADL Exploration**

During the reporting period discussions were held with a third party with regards to farming out the base metal rights. No agreement was reached and no further negotiations were held. A review of the Company's tenement holdings was completed highlighting EL27755 as being of low priority. As a result no field exploration was completed during the reporting period.

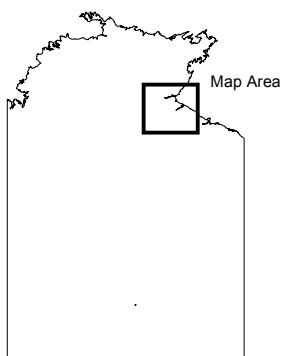
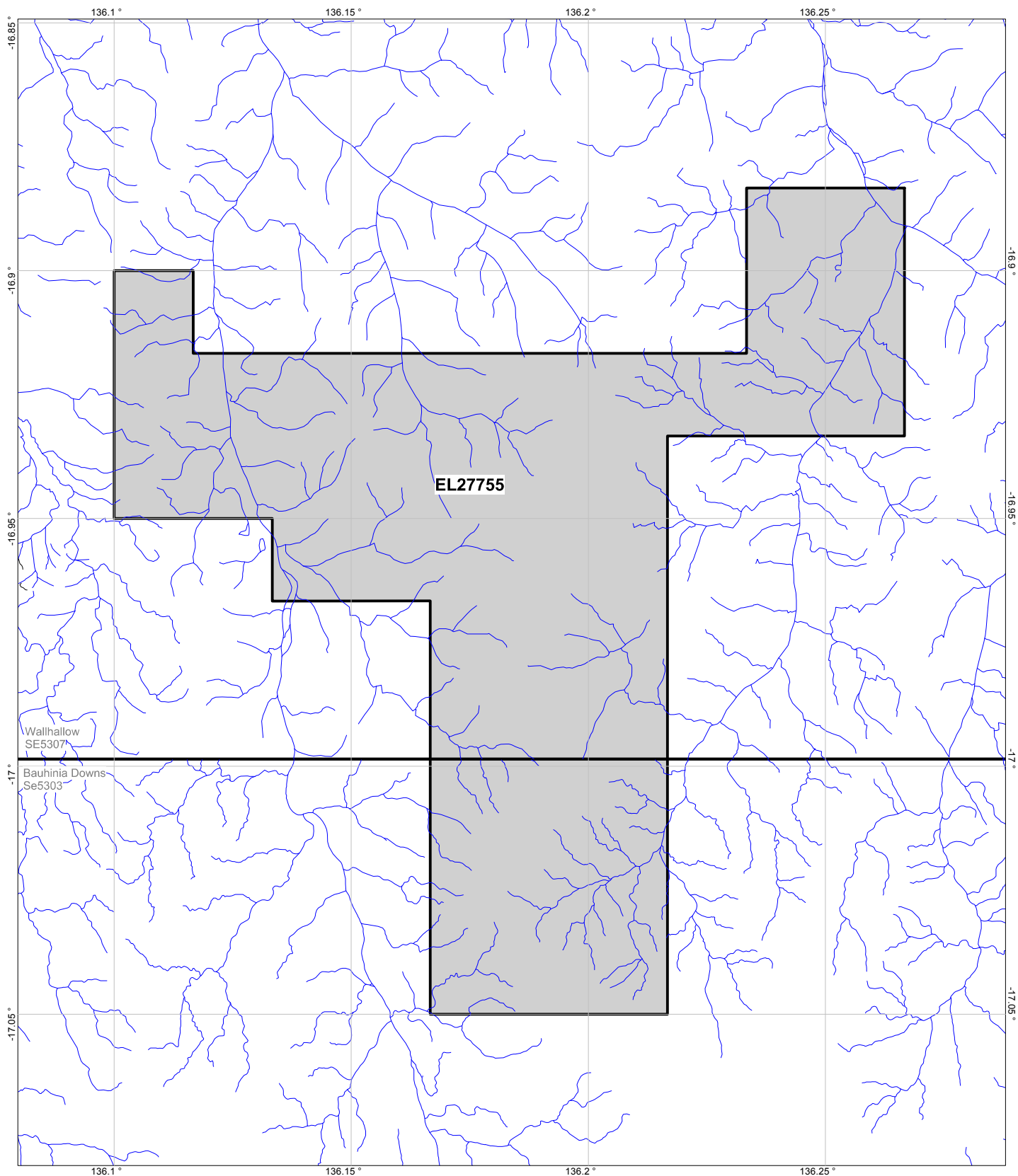
## **6.0 EXPENDITURE**

Exploration expenditure on the tenement between 20<sup>th</sup> September 2011 and 23<sup>rd</sup> August 2012 totalled \$1,400 as per the Expenditure Statement.

## **7.0 REFERENCES**

Department of Mines and Energy, Northern Territory Geological Survey. Walhallow and Bauhinia Downs 1:250,000 Explanatory Notes.

Kammermann, M. (2011) Annual Exploration Report for the Period 20<sup>th</sup> September 2010 to 19<sup>th</sup> September 2011, Ref: 11-056, NADL.



### Legend

- Tenement
- 250k Map Sheet
- Drainage

North Australian Diamonds Limited

Date: 4/9/2012

Author:

Office:

Drawing:

Scale: 1:120000

Projection: Longitude / Latitude (Australia GDA84)

### Figure 1 Location Plan

