

Annual Exploration Report – Year 3 Exploration Lease EL 26206

19th March 2010 to 18th March 2011

Holder: North Australian Diamonds Limited

Operator: North Australian Diamonds Limited

Reporting Period: 19th March 2010 to 18th March 2011

Sheet Reference: Katherine (SD 53-09) 1:250,000 & Urapunga (SD 53-10) 1:250,000

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Author: Michael Kammermann

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NADL Office

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SUMMARY

This report details exploration activity for diamond bearing kimberlite intrusives carried out by North Australian Diamonds Limited (NADL) over Exploration Lease EL 26206 for the period 19th March 2010 to 18th March 2011. EL 26206 is located over PPL 1167 (NT Portion 5108).

During 2008-2009 a total of 6 reconnaissance exploration samples were collected and returned negative results. Field work during the 2009-2010 reporting period included geological reconnaissance and the collection of 9 reconnaissance gravel samples and 9 stream geochemical samples. Results for these samples were negative.

During the current reporting period 16 stream gravel samples were taken plus 7 geochemical samples. Stream gravel results were negative for kimberlitic indicator minerals. Soil geochemical results are currently being interpreted.

Exploration expenditure for the reporting period amounted to \$73,000.

1.0 INTRODUCTION

This report details exploration activity carried out by North Australian Diamonds Limited (NADL) over Exploration EL 26206 for the period 19th March 2010 to 18th March 2011. The target for exploration within this lease is diamond bearing kimberlite intrusive, however non-diamond commodities area also being explored for.

2.0 TENEMENT HISTORY

EL 26206 was applied for on the 4th June 2007, and has just reached the end of its third year of tenure.

3.0 LICENCE DETAILS

EL 26206 is located on the Katherine (SD53-09 and Urapunga (SD53-10) 1:250,000 map sheets. Access to the lease is via the Central Arnhem Highway, however no direct access tracks off the highway exist. A tenement location map is shown as Figure 1.

Table 1: Tenement Details

Project Name	Tenement No	Application Date	Grant Date	Blocks	Area (km²)
Arnhem Land	EL 26206	04/06/2007	19/03/2008	87	290

3.0 GEOLOGY

The tenement is located on the tectonically stable Arnhem Shelf, that part of the northwestern McArthur Basin characterised by comparatively mild deformation and a thin stratigraphic succession relative to the meridional troughs/fault zones. The oldest rocks are Proterozoic age and include laminated, stromatilitic dolostones and cherts and sandstones of the Mount Rigg Group.

4.0 PREVIOUS EXPLORATION

Previous exploration for diamonds has been undertaken in this area by Stockdale Prospecting, but no positive results were reported. Six samples were collected during the 2007-2008 a total of 6 reconnaissance exploration samples were collected and results returned negative.

Field Work during the 2009-2010 reporting period included geological reconnaissance and the collection of 9 gravel samples. The samples were processed for indicator minerals through the company's laboratory in Perth. In addition 9 stream geochemical samples were collected from the same locations. Results from all of these samples were negative.

5.0 EXPLORATION COMPLETED DURING CURRENT REPORTING PERIOD

During the current reporting period 16 stream gravel samples were taken plus 7 geochemical samples were also collected from the same location. The stream gravel samples were sent to the company's laboratory in Perth for processing. The soil geochemical samples were sent to Genalysis. Results for the stream gravel samples were negative as no kimberlitic indicator minerals were recovered. Soil geochemical results are currently being interpreted to identify base metal or other anomalous mineralization. Sample information is shown in Table 2.

6.0 LABORATORY PROCEDURES

All gravel samples are processed and observed at the NADL laboratory in Perth, Western Australia. Initial sample processing involves concentration of the heavy mineral fraction by Wilfley Table and liquid separation techniques. The heavy liquid used is tetrabromoethane with a specific gravity of 2.96. The recovered concentrate is then screened into various size fractions and further sorted by magnetic separation method. A comprehensive grain by grain examination is then performed with the aid of binocular microscope to identify any kimberlitic indicator minerals and diamonds that may be present.

7.0 EXPLORATION EXPENDITURE

Exploration expenditure for the reporting period amounted to \$73,000 as per the attached Expenditure report.

8.0 PROPOSED PROGRAMME AND BUDGET FOR 2010-2011

The initial focus of the proposed work program will include the collection of follow-up traditional indicator mineral and diamond stream samples (40kg each) should positive results report to the initial reconnaissance samples..

Proposed budget breakdown below;

Administration and Support	\$10,000
Field Logistical Support	\$15,000
Labour – Field Personnel	\$20,000
Laboratory Costs	\$35,000
Total	\$80,000

9.0 REFERENCES

Sweet I P, Brakel, A T, Rawlings, D J, Haines, P W, Plumb, K A & Wygralak, A S, 1999, Mt Marumba SD53-06 1:250,000: Explanatory Notes, *Northern Territory Geological Survey, Darwin*.

Roper Region: Urapunga and Roper River SD53-10, 11 1:250,000: Explanatory Notes, *Northern Territory Geological Survey, Darwin.*

Reddicliffe, T.R. (2010) Annual Exploration Report for Year 2 2009-2010, North Australian Diamonds Limited Ref: 10-018.

Table 2. Sample Information for Current Reporting Period

			COLLECTION	EASTIN	NORTHIN	DATU	ZON	RESULT
SAMPLE	TYPE	PROJECT	DATE	G	G	M	E	S
10-029-		ARNHEM						
001	GRAVEL	LAND	9/07/2010	397779	8464080	GDA94	53	Negative
10-029-		ARNHEM						
002	GRAVEL	LAND	9/07/2010	386194	8470862	GDA94	53	Negative
10-029-		ARNHEM						
003	GRAVEL	LAND	9/07/2010	397524	8461821	GDA94	53	Negative
10-029-		ARNHEM						
004	GRAVEL	LAND	9/07/2010	390933	8464770	GDA94	53	Negative
10-029-		ARNHEM						
005	GRAVEL	LAND	9/07/2010	387109	8464990	GDA94	53	Negative
10-029-		ARNHEM						
006	GRAVEL	LAND	9/07/2010	390844	8470199	GDA94	53	Negative
10-029-		ARNHEM						
007	GRAVEL	LAND	9/07/2010	387895	8470306	GDA94	53	Negative
10-042-		ARNHEM						
001	GRAVEL	LAND	18/10/2010	398435	8471726	GDA94	53	Negative
10-042-		ARNHEM						
002	GRAVEL	LAND	18/10/2010	395800	8469449	GDA94	53	Negative
10-042-		ARNHEM						
003	GRAVEL	LAND	18/10/2010	394596	8467738	GDA94	53	Negative
10-042-		ARNHEM						
004	GRAVEL	LAND	19/10/2010	393070	8466133	GDA94	53	Negative
10-042-		ARNHEM						
005	GRAVEL	LAND	19/10/2010	397088	8465904	GDA94	53	Negative
10-042-		ARNHEM						
006	GRAVEL	LAND	19/10/2010	396136	8454897	GDA94	53	Negative
10-042-		ARNHEM						
007	GRAVEL	LAND	19/10/2010	392685	8459919	GDA94	53	Negative
10-042-		ARNHEM						
800	GRAVEL	LAND	19/10/2010	390212	8460954	GDA94	53	Negative
10-042-		ARNHEM						
009	GRAVEL	LAND	19/10/2010	393614	8462434	GDA94	53	Negative

10-106-	GEOCHE	ARNHEM						
001	M	LAND	9/07/2010	397781	8464077	GDA94	53	PENDING
10-106-	GEOCHE	ARNHEM						
002	M	LAND	9/07/2010	386134	8470857	GDA94	53	PENDING
10-106-	GEOCHE	ARNHEM						
003	M	LAND	9/07/2010	397528	8461822	GDA94	53	PENDING
10-106-	GEOCHE	ARNHEM						
004	M	LAND	9/07/2010	390933	8464770	GDA94	53	PENDING
10-106-	GEOCHE	ARNHEM						
005	M	LAND	9/07/2010	387115	8464990	GDA94	53	PENDING
10-106-	GEOCHE	ARNHEM						
006	M	LAND	9/07/2010	390845	8470179	GDA94	53	PENDING
10-106-	GEOCHE	ARNHEM						
007	M	LAND	9/07/2010	387896	8470307	GDA94	53	PENDING



