

## NORTHERN TERRITORY EXPLORATION EXPENDITURE FOR MINERAL TENEMENT

**Section 1. Tenement type, number and operation name: (One licence only per form even if combined reporting has been approved)**

Type	Exploration Licence
Number	24956
Operation Name (optional)	Burt Plain

**Section 2. Period covered by this return:**

Twelve-month period:		If Final Report:	
From	07/09/07	From	
To	06/09/08	To	
Covenant for the reporting period:		\$120,000	

**Section 3. Give title of accompanying technical report:**

Title of Technical Report	Annual Report EL24956, Burt Plain, Northern Territory
Author	John Higgins

**Section 4. Locality of operation:**

Geological Province	Arunta
Geographic Location	Aileron, Burt Plain, Amburla

**Section 5. Work program for the next twelve months:**

<b>Activities proposed</b> (please mark with an "X"):		<input checked="" type="checkbox"/> Drilling and/or costeaning
<input type="checkbox"/> Literature review		<input type="checkbox"/> Airborne geophysics
<input checked="" type="checkbox"/> Geological mapping		<input type="checkbox"/> Ground geophysics
<input checked="" type="checkbox"/> Rock/soil/stream sediment sampling		<input type="checkbox"/> Other:
<b>Estimated Cost:</b>		<b>\$100,000</b>

**Section 6. Summary of operations and expenditure:**

Please include salaries, wages, consultant's fees, field expenses, fuel and transport, administration and overheads under the appropriate headings below. Mark the work done for the appropriate subsections with an "X" or similar, except where indicated. Complete the right-hand columns to indicate the data supplied with the Technical Report.

**Do not include the following as expenditure (if relevant, these may be discussed in Section 7):**

- |                          |                  |                                  |
|--------------------------|------------------|----------------------------------|
| • Insurance              | • Transfer costs | • Land Access Compensation       |
| • Company Prospectus     | • Title Search   | • Meetings with Land Councils    |
| • Rent & Department Fees | • Legal costs    | • Payments to Traditional Owners |
| • Bond                   | • Advertising    | • Fines                          |

Exploration Work type	Work Done (mark with an "X" or provide details)		Expenditure	Data and Format Supplied in the Technical Report	
				Digital	Hard copy
<b>Office Studies</b>					
Literature search	X		\$418.49		
Database compilation	X		\$836.97		
Computer modelling	X		\$13,114.52		
Reprocessing of data	X		\$3,355.33		
General research	X		\$1,255.46		
Report preparation	X		\$1,673.95		
Other (Admin & Consumables)	X		\$6,754.84		
<b>Subtotal</b>			<b>\$27,409.56</b>		
<b>Airborne Exploration Surveys (state line kms)</b>					
Aeromagnetics		kms			
Radiometrics		kms			
Electromagnetics	1693	kms	\$62,008.45		
Gravity	1576	km2	\$12,988.30		
Digital terrain modelling		kms			
Other (specify)		kms			
<b>Subtotal</b>			<b>\$74,996.75</b>		
<b>Remote Sensing</b>					
Aerial photography					
LANDSAT					
SPOT					
MSS					
Other (specify)					
<b>Subtotal</b>			<b>\$</b>		
<b>Ground Exploration Surveys</b>					
<b>Geological Mapping</b>					
Regional					
Reconnaissance	X		\$10,947.62		
Prospect					
Underground					
Costean					
<b>Ground Geophysics</b>					
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics					
SP/AP/EP					
IP					
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	X		\$21,990.00		
Geophysical interpretation	X		\$5,056.05		
Petrophysics					
Other (specify)					

<b>Geochemical Surveying and Geochronology</b> (state number of samples)					
Drill (cuttings, core, etc.)	21 Samples			\$658.62	
Stream sediment					
Soil					
Rock chip					
Laterite					
Water	6 Samples			\$966.35	
Biogeochemistry					
Isotope					
Whole rock					
Mineral analysis					
Laboratory analysis				\$261.27	
Petrology					
Other (specify)					
<b>Ground Exploration Subtotal</b>				<b>\$1,886.24</b>	
<b>Drilling (state number of holes &amp; metres)</b>					
Diamond		holes	metres		
Reverse circulation (RC)		holes	metres		
Rotary air blast (RAB)		holes	metres		
Air-core		holes	metres		
Auger		holes	metres		
Other (Rotary Mud)	6	holes	1137 metres	*	
<b>Subtotal</b>				<b>\$0</b>	
<b>Other Operations</b>					
Costeaning/Trenching					
Bulk sampling					
Mill process testing					
Ore reserve estimation					
Underground development (describe)					
Mineral processing					
Other (fieldwork)				\$50,067.80	
<b>Subtotal</b>				<b>\$50,067.80</b>	
<b>Access and Rehabilitation</b>					
Track maintenance					
Rehabilitation					
Monitoring					
Other (specify)					
<b>Subtotal</b>				<b>\$0</b>	
<b>TOTAL EXPENDITURE</b>				<b>\$192,354.02</b>	

\* = Invoices not received by 7<sup>th</sup> September 2008.

**Section 7. Comments on your exploration activities:**

Exploration focussed on scout drilling based on geophysical modelling and interpretation of Airborne EM data covering EL24956 flown in 2007. AEM techniques proved very successful in delineating buried Tertiary palaeodrainage systems and 6 drillholes were completed on the basis of 2007's AEM data. These holes successfully intersected Tertiary sediments, thus validating the geophysical model and confirming the presence of a buried palaeodrainage system. Bore water sampling was used as a vector to where uranium may be accumulating in these palaeochannel systems.

Subject to land access and rig availability, further reconnaissance drilling is planned for 2009.

I certify that the information contained herein, is a true statement of the operations carried out and the monies expended on the above mentioned tenement during the period specified as required under the *Northern Territory Mining Act* and the Regulations thereunder.

☐ I have attached the Technical Report

1. Name: John Higgins

Position: Project Geologist

Signature:

Date:

2. Name:

Position:

Signature:

Date: