



## **Rio Tinto Exploration Pty. Limited**

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A member of the Rio Tinto Group

Annual Report  
For the Period 22 July 2006 to 21 July 2007  
EL10316 Reward, Batten Programme  
Bauhinia Downs SE53-03  
Northern Territory

### **Exploration Report No. 28087**

Tenement Holder: North Mining Limited

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## **SUMMARY OF ACTIVITIES**

Exploration Licence (EL) 10316 Reward covers an area of 752.46 km<sup>2</sup> and is located within the McArthur Basin, approximately 50 km southwest of Borroloola, on the Bauhinia Downs 1:250,000 map sheet. It was granted to North Mining Limited (North) on 22<sup>nd</sup> July 2002 for a period of six years. A waiver of reduction in area of EL 10316 was granted to North until 21<sup>st</sup> July 2007.

EL10316 Reward is considered prospective for base metal mineralisation (Pb-Zn-Ag) given its proximity and geological similarities to the McArthur River (HYC) base metal mine.

No field-based exploration activities were carried out for the year ending 21<sup>st</sup> July 2007. During the year an annual report (period ending 21<sup>st</sup> July 2006) was completed and exploration data compiled for a divestment package. North is currently in advanced negotiations with respect to securing a joint venture partner to continue exploration for McArthur River style Pb-Zn mineralisation on EL 10316.

**VERIFICATION LISTING**

Exploration Work Type	File Name	Format
<b>Office Studies</b>		
Literature search		
Database compilation		
Computer modelling		
Reprocessing of data		
General research		
Report preparation	EL10316_Reward_Annual pZn07_011 Tenement Location Plan	.pdf .pdf
Other (specify)	D796LSJ07 (Expenditure Statement)	.pdf
<b>Airborne Exploration Surveys</b>		
Aeromagnetics		
Radiometrics		
Electromagnetics		
Gravity		
Digital terrain modelling		
Other (specify)		
<b>Remote Sensing</b>		
Aerial photography		
LANDSAT		
SPOT		
MSS		
Radar		
Other (specify)		
<b>Ground Exploration Surveys</b>		
<b>Geological Mapping</b>		
Regional		
Reconnaissance		
Prospec		
Underground		
Costean		
<b>Ground Geophysics</b>		
Radiometrics		
Magnetics		
Gravity		
Digital terrain modelling		
Electromagnetics		
SP/AP/EP		
IP		
AMT		
Resistivity		
Complex resistivity		
Seismic reflection		
Seismic refraction		
Well logging		
Geophysical interpretation		
Other (specify)		
<b>Geochemical Surveying</b>		
Drill sample		
Stream sediment		
Soil		
Rock chip		
Regolith		
Water		
Biogeochemistry		
Isotope		
Whole rock		
Mineral analysis		
Other (specify)		
<b>Drilling</b>		
Aircore		
Auger		
Diamond		
Reverse circulation		
Rotary air blast		
Rotary percussion		
Tungsten carbide bit (coring)		
Groundwater drilling		
All drilling		
<b>File Verification Listing (this table)</b>	28087 Reward V	.pdf

