



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

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A member of the Rio Tinto Group

**Combined Annual Report  
For the Cape Ford Project  
EL1924 Cape Ford and EL3405 Anson  
For the period 28<sup>th</sup> July 2006 to 27<sup>th</sup> July 2007  
Northern Territory**

**Exploration Report No. 28093**

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## **SUMMARY OF ACTIVITIES**

This report describes exploration by Rio Tinto Exploration Pty Limited (RTX) within the Cape Ford Project area during the period 28 July 2006 to 27 July 2007. The Cape Ford Project is comprised of two exploration licences, EL1924 Cape Ford and EL3405 Anson. The tenements are owned by Ashton Mining Limited and Ashton Operations Australia Limited ("Ashton"), subsidiaries of Rio Tinto Ltd. Work programmes on the project area are managed and operated by RTX.

The Cape Ford tenement package is located approximately 140 km south west of Darwin on the Daly River/Port Keats Aboriginal Land Trust. The area covers portions of the Palaeoproterozoic Pine Creek Orogen, the Mesoproterozoic Victoria-Birrinduddu Basin and the Palaeozoic Bonaparte Basin.

No field-based exploration was completed during the current reporting period. Office-based interpretation of remote sensed data, including digital terrain images and TM scenes, concentrated on further refining and prioritizing bauxite exploration targets within the project area. Field work was postponed due to access issues.

**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	EL1924_Cape Ford_EL3405_Anson_Combined Annual	.pdf
Other (specify)		
<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	pAI07_016	.pdf
Reconnaissance		
Prospect		
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>	28093 Cape Ford_Anson Combined V	.pdf

