



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

ABN 76 000 057 125 / ACN 000 057 125

A member of the Rio Tinto Group

**Combined Annual Report (Keats Project)**  
**For the Period 23 September 2006 to 22 September 2007**  
**EL1640 Keats, EL1923 Keats 2**  
**Northern Territory.**

**Exploration Report No. 28209**

Tenement Holder:	Ashton Mining Limited
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### **SUMMARY OF ACTIVITIES**

This report describes exploration by Rio Tinto Exploration Pty Limited (RTX) within the Keats Project between the period 23 September 2006 to 22 September 2007. The Keats Project is comprised of two contiguous exploration licences, EL1640 Keats and EL1923 Keats 2. These tenements were previously reported under the Yambarra Combined Project but have now been split out into their own project (Keats) due to the Farm-out of the Yambarra tenements to a third party. The tenements are owned by Ashton Mining Limited ("Ashton"), a subsidiary of Rio Tinto Ltd. Work programmes on the project area are managed and operated by RTX.

The Keats Project is located approximately 250km south west of Darwin on the Daly River/Port Keats Aboriginal Land Trust. The area covers portions of the Palaeozoic Bonaparte Basin.

Field activities involved consultation meetings with the Traditional Owners and rock sampling along existing access tracks. A total of 39 rock samples were collected and analysed for whole rock elements aimed at assessing the area for bauxite potential.

### 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	Keats Project_Annual pA107_021 (Location plan)	.pdf .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		
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	Keats_2007_A_02_rockledger.txt pA107_022.pdf (Rock location plan)	.txt .pdf
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>	28209 Keats V	.pdf

