



Rio Tinto Exploration Pty. Limited

ABN 76 000 057 125 / ACN 000 057 125

A member of the Rio Tinto Group

**Partial Relinquishment Report
EL 4170 Cato Plateau
For the period 14 October 2006 to 13 October 2007
Gove Special SD 5304,
Northern Territory**

Exploration Report No. 28218

Tenement Holder: Rio Tinto Exploration Pty Limited

Date: November 2007

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BHPB

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SUMMARY OF ACTIVITIES

EL 4170 Cato Plateau was applied for by BHP Minerals on 3 October 1982 and was granted on 14 October 2004. Rio Tinto Exploration Pty Limited (RTX) signed an agreement with BHP on 27 March 2000 whereby RTX took over management of the tenement. The original tenement application covered an area of 593.5km² of which only less than 10%, 57.0 km² (28 blocks) was granted. The remainder of the area was split off into a new application, EL 24389 and put into moratorium. The tenement is located 22km southwest of Nhulunbuy, east Arnhem Land and consequently is processed under the Aboriginal Land Rights Act 1975 (ALRA).

This is the first relinquishment of EL 4170 which includes 12 blocks (43%) relinquished. A waiver has been sought for the remaining area.

EL 4170 is part of the Cato Project, which is comprised of EL 4170 and EL 4171 and was granted combined reporting status on 3 August 2007. The Cato Project forms part of the larger contiguous tenement package in east Arnhem Land, which is prospective for bauxite.

EL 4170 covers part of the Cato Plateau, which is a known area of bauxite of similar style to the nearby world class Gove deposit.

Exploration was focused on testing the area for bauxite. Stream sampling for diamonds was a secondary opportunistic target. Work completed on the relinquished area includes:

- Review of previous exploration.
- Completion of consultation meetings and site clearance surveys.
- Interpretation of existing TM data.
- Establishment of an exploration camp.
- Collecting three gravel diamond indicator and five –80# stream sediment samples.

VERIFICATION LISTING

Exploration Work Type	File Name	Format
Office Studies		
Literature search		
Database compilation		
Computer modelling		
Reprocessing of data		
General research		
Report preparation	EL 4170_Cato Plateau_Relinquishment pA107_026	.pdf .pdf
Other (specify)		
Airborne Exploration Surveys		
Aeromagnetics		
Radiometrics		
Electromagnetics		
Gravity		
Digital terrain modelling		
Other (specify)		
Remote Sensing		
Aerial photography		
LANDSAT		
SPOT		
MSS		
Radar		
Other (specify)	WAp46450 (Stream Samples)	.pdf
Ground Exploration Surveys		
Geological Mapping		
Regional		
Reconnaissance		
Prospect		
Underground		
Costean		
Ground Geophysics		
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)		
Geochemical Surveying		
Drill sample		
Stream sediment	EL4170_streamsediment.txt	.txt
Soil		
Rock chip		
Regolith		
Water		
Biogeochemistry		
Isotope		
Whole rock		
Mineral analysis		
Other (specify)	EL4170_gravel.txt	.txt
Drilling		
Aircore		
Auger		
Diamond		
Reverse circulation		
Rotary air blast		
Rotary percussion		
Tungsten carbide bit (coring)		
Groundwater drilling		
All drilling		
File Verification Listing (this table)	28218 Cato Plateau V	.pdf

