

# **REPORT METADATA FORM (MINERAL EXPLORATION)**

**PART A (DME USE ONLY)**

Report Number	Date Received				
Collation	pp.	figs	logs	maps	apps.
Media	CDs	1.5"	Exab.	DLT	vols.

**PART B**

Tenure Number(s)	EL 22782, EL 23792 EL 25007	Company Report Number	
Report Date		Anniversary Date	
Group Project Name	PLENTY RIVER PROJECT		
Report Title	FIRST ANNUAL COMBINED REPORT FOR THE PERIOD ENDING 31 OCTOBER 2006, EL 22872 PLENTY RIVER 1, EL 23792 PLENTY RIVER 2, AND EL 25007 PLENTY RIVER 3, AUSTRALIA GENERATIVE PROGRAMME HAY RIVER SF 53-16, NORTHERN TERRITORY		
Author(s)	G.C. BROADBENT		
Corporate Author(s)	RIO TINTO EXPLORATION		
Maps 1: 250 000	HAY RIVER SF 53-16		
Maps 1: 100 000	6250 6251 6350 DRURY PLENTY RIVER LAKE CAROLINE		

**Tectonic Units**

<input type="checkbox"/> Amadeus Basin	<input type="checkbox"/> Carpentaria Basin	<input type="checkbox"/> McArthur Basin	<input type="checkbox"/> Pine Creek Inlier
<input type="checkbox"/> Arafura Basin	<input type="checkbox"/> Daly Basin	<input type="checkbox"/> Money Shoal Basin	<input type="checkbox"/> Simpson Basin
<input type="checkbox"/> Arnhem Inlier	<input type="checkbox"/> Dunmarra Basin	<input type="checkbox"/> Murphy Inlier	<input type="checkbox"/> South Nicholson Basin
<input type="checkbox"/> Arunta Inlier	<input checked="" type="checkbox"/> Eromanga Basin	<input type="checkbox"/> Musgrave Block	<input type="checkbox"/> Tennant Creek Inlier
<input type="checkbox"/> Birrindudu Basin	<input type="checkbox"/> Fitzmaurice Mobile Zone	<input type="checkbox"/> Ngalia Basin	<input type="checkbox"/> Victoria Basin
<input type="checkbox"/> Bonaparte Basin	<input type="checkbox"/> Georgina Basin	<input type="checkbox"/> Ord Basin	<input type="checkbox"/> Warburton Basin
<input type="checkbox"/> Browse Basin	<input type="checkbox"/> Granites-Tanami Inlier	<input type="checkbox"/> Pedirka Basin	<input type="checkbox"/> Wiso Basin
Other structural units			

**Stratigraphic Names**

UNDIFFERENTIATED CRETACEOUS		

**AMF Thesaurus Terms - General**

<input type="checkbox"/> Geological mapping	<input type="checkbox"/> Regional Geology	<input type="checkbox"/> Stratigraphy	<input type="checkbox"/> Structural Geology
<input type="checkbox"/> Metallogenesis	<input type="checkbox"/> Remote sensing	<input type="checkbox"/> Imagery	<input type="checkbox"/> Landsat
<input type="checkbox"/> Petrology	<input type="checkbox"/> Lithology	<input type="checkbox"/> Literature reviews	<input type="checkbox"/> Metamorphism
<input type="checkbox"/> Lineaments	<input type="checkbox"/> Photogeology	<input type="checkbox"/> Reconnaissance	<input checked="" type="checkbox"/> Indicator minerals
Other terms ...			

**AMF Thesaurus Terms - Target Minerals**

<input type="checkbox"/> Gold	<input type="checkbox"/> Silver	<input type="checkbox"/> Tin	<input checked="" type="checkbox"/> Diamonds
<input type="checkbox"/> Lead	<input type="checkbox"/> Copper	<input type="checkbox"/> Platinum Group Minerals	<input type="checkbox"/> Industrial Minerals
<input type="checkbox"/> Zinc	<input type="checkbox"/> Uranium	<input type="checkbox"/> Bauxite	
Others...			

AMF Thesaurus Terms - Mining			
<input type="checkbox"/> Environmental impact surveys	<input type="checkbox"/> Feasibility studies	<input type="checkbox"/> Geostatistics	<input type="checkbox"/> Metallurgy
<input type="checkbox"/> Ore reserves	<input type="checkbox"/> Resource assessment	<input type="checkbox"/> Mineral resources	<input type="checkbox"/> Mining geology
<input type="checkbox"/> Mine design	<input type="checkbox"/> Mine drainage	<input type="checkbox"/> Mine evaluation	<input type="checkbox"/> Pits
<b>Other terms ...</b>			

AMF Thesaurus Terms - Geophysical Surveys			
<input checked="" type="checkbox"/> Aerial magnetic surveys	<input type="checkbox"/> Aerial radioactivity surveys	<input type="checkbox"/> Aerial EM surveys	<input type="checkbox"/> Ground EM surveys
<input type="checkbox"/> Gravity surveys	<input type="checkbox"/> Geophysical anomalies	<input type="checkbox"/> Gravity anomalies	<input type="checkbox"/> Bouger anomaly maps
<input type="checkbox"/> Sirotem surveys	<input checked="" type="checkbox"/> Ground magnetic surveys	<input type="checkbox"/> IP surveys	<input type="checkbox"/> Resistivity surveys
<input type="checkbox"/> Seismic surveys	<input checked="" type="checkbox"/> Magnetic anomalies	<input type="checkbox"/> Geophysical interpretation	<input type="checkbox"/> Geophysical logs
<b>Other terms ...</b>			

AMF Thesaurus Terms - Geochemical Exploration - Surface sampling			
<input type="checkbox"/> Geochemical sampling	<input type="checkbox"/> Stream sediment sampling	<input type="checkbox"/> Rock chip sampling	<input type="checkbox"/> Bulk sampling
<input type="checkbox"/> Soil sampling	<input checked="" type="checkbox"/> Heavy mineral sampling	<input type="checkbox"/> Geochemical anomalies	<input type="checkbox"/> Assaying
<input type="checkbox"/> Isotope geochemistry	<input type="checkbox"/> Whole rock analysis	<input type="checkbox"/> X ray diffraction	<input type="checkbox"/> Sample location maps
<b>Other terms ...</b>			

AMF Thesaurus Terms - Geochemical Exploration - Drill sampling			
<input type="checkbox"/> Diamond drilling	<input type="checkbox"/> RAB drilling	<input type="checkbox"/> Percussion drilling	<input type="checkbox"/> Air drilling
<input checked="" type="checkbox"/> RC drilling	<input type="checkbox"/> Rotary drilling	<input type="checkbox"/> Vacuum drilling	<input type="checkbox"/> Auger drilling
<input type="checkbox"/> Drill core	<input type="checkbox"/> Drill cuttings	<input type="checkbox"/> Drill hole logs	<input type="checkbox"/> Drill core analysis
<b>Other terms ...</b>			

Drilling Type	No. of holes	Hole name(s)
Diamond	—	
Percussion	—	
Vacuum	—	
RAB	—	
Auger	—	
Air	—	
RC	11	RC06PRO1 - PR11
Rotary	—	
Other ...	—	

Mine / Deposit / Prospects	Location - AMG	Location - Datum
Mines	—	
Deposits	—	
Prospects	—	
Other ...	—	