

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

<b>PART A (DME USE ONLY)</b>					
Report Number	Date Received				
Collation	___ pp.	___ figs	___ logs	___ maps	___ apps.
Media	___ CDs	___ 1.5"	___ Exab.	___ DLT	___ vols

<b>PART B</b>					
Tenure Number(s)	<b>EL 10190, EL 10429, EL 22754</b>		Company Report Number	<b>26168</b>	
Report Date	<b>July 2003</b>		Anniversary Date	<b>23 August 2003</b>	
Group Project Name	<b>McArthur Diamonds Project</b>				
Report Title	First Annual Report for the Period Ending 23 August 2003, EL 10190 Puzzle Creek East, EL 10429 Robinson River South and EL 22754 Coanjula Creek, McArthur Diamonds Programme, Calvert Hills SE 53-08, Northern Territory, Australia				
Author(s)	<b>Bishop S.R.</b>				
Corporate Author(s)	<b>Rio Tinto Exploration</b>				
Maps 1 : 250 000	<b>Calvert Hills</b>	<b>SE 53-08</b>			
Maps 1 : 100 000	<b>Surprise Creek</b>	<b>6263</b>	<b>Calvert Hills</b>	<b>6363</b>	<b>Coanjula 6262</b>

<b>Tectonic Units</b>			
<input type="checkbox"/> Amadeus Basin	<input type="checkbox"/> Carpentaria Basin	<input checked="" 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 checked="" type="checkbox"/> Dunmarra Basin	<input type="checkbox"/> Murphy Inlier	<input type="checkbox"/> South Nicholson Basin
<input type="checkbox"/> Arunta Inlier	<input 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 checked="" type="checkbox"/> Georgina Basin	<input type="checkbox"/> Ord Basin	<input type="checkbox"/> Warburton Basin
<input type="checkbox"/> Browse Basin	Granites-Tanami Inlier	<input type="checkbox"/> Pedirka Basin	<input type="checkbox"/> Wiso Basin
<b>Other structural units</b>			

<b>Stratigraphic Names</b>			
<b>Roper Group</b>	<b>Bukalara Sandstone</b>	<b>Nutwood Volcanics</b>	<b>Mullamen Beds</b>

<b>AMF Thesaurus Terms – General</b>			
<input type="checkbox"/> Geological Mapping	<input checked="" 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 checked="" type="checkbox"/> Lineaments	<input type="checkbox"/> Photogeology	<input type="checkbox"/> Reconnaissance	<input checked="" type="checkbox"/> Indicator minerals
<b>Other terms....</b>	<input checked="" type="checkbox"/> Digital data review		

<b>AMF Thesaurus Terms – Target Minerals</b>			
<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	<input type="checkbox"/> Industrial Minerals

		Minerals	
<input type="checkbox"/> Zinc	<input type="checkbox"/> Uranium	<input type="checkbox"/> Bauxite	
<b>Others....</b>			

<b>AMF Thesaurus Terms – Mining</b>			
<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>			

<b>AMF Thesaurus Terms – Geophysical Surveys</b>			
<input 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 type="checkbox"/> Ground magnetic surveys	<input type="checkbox"/> IP surveys	<input type="checkbox"/> Resistivity surveys
<input type="checkbox"/> Seismic surveys	<input type="checkbox"/> Magnetic anomalies	<input type="checkbox"/> Geophysical interpretation	<input type="checkbox"/> Geophysical logs
<b>Other terms.....</b>			

<b>AMF Thesaurus Terms – Geochemical Exploration – Surface Sampling</b>			
<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 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"/> Xray diffraction	<input type="checkbox"/> Sample location maps
<b>Other terms.....</b>			

<b>AMF Thesaurus Terms – Geochemical Exploration – Drill Sampling</b>			
<input type="checkbox"/> Diamond drilling	<input type="checkbox"/> RAB drilling	<input type="checkbox"/> Percussion drilling	<input type="checkbox"/> Air drilling
<input 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>			

<b>Drilling Type</b>	<b>No. of Holes</b>	<b>Hole Name(s)</b>
Diamond		
Percussion		
Vacuum		
RAB		
Auger		
Air		
RC		
Rotary		
<b>Other....</b>		

<b>Mine/Deposit/Prospects</b>	<b>Location – AMG</b>	<b>Location - Datum</b>
Mines		
Deposits		
Prospects		
<b>Other...</b>		