

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 10427, EL 10428, EL 10436		Company Report Number		26176
Report Date	July 2003		Anniversary Date		23 August 2003
Group Project Name	McArthur Diamonds Project				
Report Title	First Annual Report for the Period Ending 23 August 2003, EL 10427 Spellesie Creek, EL 10428 Lancewood Creek 2 and EL 10436 Top Spring, McArthur Diamonds Programme, Bauhinia Downs SE 53-03, Wallhallow SE 53-07, Northern Territory, Australia				
Author(s)	Bishop S.R.				
Corporate Author(s)	Rio Tinto Exploration				
Maps 1 : 250 000	Bauhinia Downs	SE 53-03	Walhallow	SE 53-07	
Maps 1 : 100 000	Glyde	6165	Kilgour	6063	Mallapunyah 6064

Tectonic Units			
<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
Other structural units			

Stratigraphic Names			
Roper Group	Bukalara Sandstone	Mullamen Beds	

AMF Thesaurus Terms – General			
<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
Other terms....	<input checked="" type="checkbox"/> Digital data review		

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....			
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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
Other terms....			

AMF Thesaurus Terms – Geophysical Surveys			
<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
Other terms....			

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 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
Other terms.....			

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 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
Other terms.....			

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

Mine/Deposit/Prospects	Location – AMG	Location - Datum
Mines		
Deposits		
Prospects	Ivanhoe Loam Grid B	579200E, 8117600N
	Ivanhoe Loam Grid A	580750E, 8106750N
Other...		