

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 10189		Company Report Number		26179
Report Date	July 2003		Anniversary Date		23 July 2003
Group Project Name	Merlin Orbit Diamonds Project				
Report Title	First Annual Report for the Period Ending 22 nd July 2003, EL 10189 Wilkinson Creek, Merlin Orbit Diamonds Programme, Bauhinia Downs SE 53-03, Wallhallow SE 53-07 and Calvert Hills SE 53-08, 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	Calvert Hills SE 53-08
Maps 1 : 100 000	Glyde	6164	Lancewood	6163	Surprise Creek 6263

Tectonic Units			
☐ Amadeus Basin	☐ Carpentaria Basin	☒ McArthur Basin	☐ Pine Creek Inlier
☐ Arafura Basin	☐ Daly Basin	☐ Money Shoal Basin	☐ Simpson Basin
☐ Arnhem Inlier	☒ Dunmarra Basin	☐ Murphy Inlier	☐ South Nicholson Basin
☐ Arunta Inlier	☐ Eromanga Basin	☐ Musgrave Block	☐ Tennant Creek Inlier
☐ Birrindudu Basin	☐ Fitzmaurice Mobile Zone	☐ Ngalia Basin	☐ Victoria Basin
☐ Bonaparte Basin	☒ Georgina Basin	☐ Ord Basin	☐ Warburton Basin
☐ Browse Basin	Granites-Tanami Inlier	☐ Pedirka Basin	☐ Wiso Basin
Other structural units			

Stratigraphic Names			
Roper Group	Bukalara Sandstone	Mullamen Beds	

AMF Thesaurus Terms – General			
☐ Geological Mapping	☐ Regional Geology	☐ Stratigraphy	☐ Structural Geology
☐ Metallogenesis	☐ Remote sensing	☐ Imagery	☐ Landsat
☐ Petrology	☐ Lithology	☐ Literature reviews	☐ Metamorphism
☐ Lineaments	☐ Photogeology	☐ Reconnaissance	☒ Indicator minerals
Other terms....	☐ Digital data review		

AMF Thesaurus Terms – Target Minerals			
Gold	Silver	Tin	☒ Diamonds
Lead	Copper	Platinum Group Minerals	☐ Industrial Minerals
Zinc	Uranium	Bauxite	
Others....			

AMF Thesaurus Terms – Mining			
☐ Environmental impact surveys	☐ Feasibility studies	☐ Geostatistics	☐ Metallurgy
☐ Ore reserves	☐ Resource assessment	☐ Mineral resources	☐ Mining geology
☐ Mine design	☐ Mine drainage	☐ Mine evaluation	☐ Pits
Other terms....			

AMF Thesaurus Terms – Geophysical Surveys			
☐ Aerial magnetic surveys	☐ Aerial radioactivity surveys	☒ Aerial EM surveys	☐ Ground EM surveys
☒ Gravity surveys	☐ Geophysical anomalies	☐ Gravity anomalies	☐ Bouger anomaly maps
☐ Sirotem surveys	☐ Ground magnetic surveys	☐ IP surveys	☐ Resistivity surveys
☐ Seismic surveys	☐ Magnetic anomalies	☐ Geophysical interpretation	☐ Geophysical logs
Other terms....			

AMF Thesaurus Terms – Geochemical Exploration – Surface Sampling			
☒ Geochemical sampling	☐ Stream sediment sampling	☐ Rock chip sampling	☐ Bulk sampling
☒ Soil sampling	☒ Heavy mineral sampling	☒ Geochemical anomalies	☒ Assaying
☐ Isotope geochemistry	☐ Whole rock analysis	☐ Xray diffraction	☐ Sample location maps
Other terms.....			

AMF Thesaurus Terms – Geochemical Exploration – Drill Sampling			
☐ Diamond drilling	☐ RAB drilling	☐ Percussion drilling	☐ Air drilling
☐ RC drilling	☐ Rotary drilling	☐ Vacuum drilling	☐ Auger drilling
☐ Drill core	☐ Drill cuttings	☐ Drill hole logs	☐ 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		
Other...		