

## **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>EL9893</b>		Company Report Number	<b>06-038</b>	
Report Date	<b>October 2006</b>		Anniversary Date	<b>9 September 2006</b>	
Group Project Name	<b>Merlin Orbit Diamonds Project</b>				
Report Title	<b>Annual Report – Year 4. Exploration Licence 9893. 10<sup>th</sup> September 2005 to 9<sup>th</sup> September 2006</b>				
Author(s)	<b>M Kammermann</b>				
Corporate Author(s)	<b>North Australian Diamonds</b>				
Maps 1 : 250 000	<b>Bauhinia Downs</b>	<b>SE 53-03</b>			
Maps 1 : 100 000	<b>Glyde</b>	<b>6164</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>Mullamen Beds</b>	

<b>AMF Thesaurus Terms – General</b>			
<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 checked="" 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 Minerals	<input type="checkbox"/> Industrial 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 checked="" 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 checked="" type="checkbox"/> Sample location maps
<b>Other terms.....</b>	<input checked="" type="checkbox"/> Loam Sampling		

<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>		