

# 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)	<b>ELs 10182, EL24524, 27216, 27217 and 27249</b>	Company Report Number	
Report Date	<b>20 April 2009</b>	Anniversary Date	<b>19 April 2010</b>
Group Project Name	<b>East Arnhem Land Project</b>		
Report Title	Combined Annual Report on the East Arnhem Land Project for the period 20/04/2009 to 19/04/2010 on Exploration Licences 10182, 24524, 27216, 27217 & 27249		
Author(s)	<b>Moharana L</b>		
Corporate Author(s)	<b>BHP Billiton Minerals</b>		
Maps 1 : 250 000	Gove	SD5304	

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

Stratigraphic Names			
Yirrakala Fm	Walker River Fm		

AMF Thesaurus Terms – General			
<input checked="" type="checkbox"/> Geological Mapping	<input checked="" type="checkbox"/> Regional Geology	<input checked="" type="checkbox"/> Stratigraphy	<input checked="" type="checkbox"/> Structural Geology
<input checked="" type="checkbox"/> Metallogenesis	<input checked="" type="checkbox"/> Remote sensing	<input checked="" type="checkbox"/> Imagery	<input checked="" type="checkbox"/> Landsat
<input checked="" type="checkbox"/> Petrology	<input checked="" type="checkbox"/> Lithology	<input checked="" type="checkbox"/> Literature reviews	<input checked="" type="checkbox"/> Metamorphism
<input checked="" type="checkbox"/> Lineaments	<input checked="" 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		

AMF Thesaurus Terms – Target Minerals			
<input checked="" type="checkbox"/> Gold	<input checked="" type="checkbox"/> Silver	<input checked="" type="checkbox"/> Tin	<input checked="" type="checkbox"/> Diamonds
<input checked="" type="checkbox"/> Lead	<input checked="" type="checkbox"/> Copper	<input checked="" type="checkbox"/> Platinum Group Minerals	<input checked="" type="checkbox"/> Industrial Minerals
<input checked="" type="checkbox"/> Zinc	<input checked="" type="checkbox"/> Uranium	<input checked="" type="checkbox"/> Bauxite	
<b>Others....</b>	<input checked="" type="checkbox"/> <b>Manganese</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 checked="" type="checkbox"/> <b>Aerial magnetic surveys</b>	<input type="checkbox"/> Aerial radioactivity surveys	<input checked="" type="checkbox"/> <b>Aerial EM surveys</b>	<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"/> Sirotek 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>	Shuttle Radar	Thematic Mapper	

<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"/> X-Ray 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 checked="" type="checkbox"/> <b>RC drilling</b>	<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 core		
RC	<b>27</b>	<b>Between EARC7 and EARC119</b>
Rotary		
<b>Other....</b>		

<b>Mine/Deposit/Prospects</b>	<b>Location – AMG</b>	<b>Location - Datum</b>
Mines		
Deposits		
Prospects	<b>Peter John River</b>	<b>136.49 E / 12.27 S</b>
<b>Other...</b>		<b>GDA 1994</b>