

**ERA****Energy Resources of Australia Ltd**

ABN 71 008 550 865

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**Media Release and
ASX Announcement**

ANNUAL STATEMENT OF RESERVES AND RESOURCES

The company has completed its annual assessment and reconciliation of reserves and resources for both Ranger and Jabiluka. The results are set out on the attached page.

Ranger Resources and Reserves

Resources at Ranger decreased by 7,216 tonnes to 108,152 tonnes of contained uranium oxide. The decrease was primarily due to grade adjustments to the low grade insitu and stockpiled ores, as a result of updates to the resource model, as well as to the conversion of resources to reserves.

During the same period, reserves for Ranger decreased to 37,393 tonnes of contained uranium oxide as a consequence of depletion by processing and adjustments arising from a pit re-design and improved geological knowledge.

The table below sets out the reconciliation of reserves:

Ranger Reserves Reconciliation	Contained U₃O₈ tonnes
Reserves as at 1 January 2009	43,966
Reserves depleted by processing	(5,931)
Other adjustments (see Explanatory Notes)	<u>(642)</u>
Reserves as at 31 December 2009	37,393
Explanatory Notes	
Modified Pit Design	1,972
New stockpile model	(2,018)
Update to in situ resource model	(549)
Miscellaneous	(47)
Net Adjustments	(642)

Jabiluka Reserves and Resources

The reserves and resources for Jabiluka remained unchanged at 67,700 tonnes and 73,940 tonnes of contained uranium oxide respectively.

	AS AT 31 DECEMBER 2009			AS AT 31 DECEMBER 2008		
	ORE	GRADE	CONTAINED	ORE	GRADE	CONTAINED
	(MT)	(% U ₃ O ₈)	U ₃ O ₈ (tonnes)	(MT)	(% U ₃ O ₈)	U ₃ O ₈ (tonnes)
RANGER ORE RESERVES						
Current Stockpiles						
Proved	21.43	0.10	22,278	22.29	0.11	25,452
Ranger No. 3 Pit						
In situ						
Proved	3.19	0.24	7,709	4.66	0.24	11,109
Probable	3.06	0.24	7,406	3.24	0.23	7,405
Sub-total Proved and Probable Reserves	6.25	0.24	15,115	7.90	0.23	18,514
Total Ranger No. 3 Stockpiles, Proved and Probable Reserves	27.69	0.14	37,393	30.19	0.15	43,966

	CUT-OFF GRADE			CUT-OFF GRADE		
	OPEN PIT IN SITU RESOURCE	0.02% U ₃ O ₈	UNDERGROUND IN SITU RESOURCE	OPEN PIT IN SITU RESOURCE	0.02% U ₃ O ₈	UNDERGROUND IN SITU RESOURCE
	0.15% U ₃ O ₈	STOCKPILE ORE 0.02% U ₃ O ₈	0.15% U ₃ O ₈	0.02% U ₃ O ₈	STOCKPILE ORE 0.02% U ₃ O ₈	0.15% U ₃ O ₈
RANGER MINERAL RESOURCES						
IN ADDITION TO THE ABOVE RESERVE						
Current Mineralised Stockpiles						
Measured	44.54	0.04	17,248	36.00	0.05	17,506
In situ resource						
Measured	21.46	0.09	19,969	24.48	0.08	20,112
Indicated	53.22	0.11	60,998	61.67	0.11	69,601
Sub-total Measured and Indicated Resources	119.22	0.08	98,215	22.16	0.09	107,219
Inferred Resources	8.01	0.12	9,937	6.10	0.13	8,149
Total Resources	127.23	0.09	108,152	128.26	0.09	115,368

	AS AT 31 DECEMBER 2009			AS AT 31 DECEMBER 2008		
	ORE	GRADE	U ₃ O ₈	ORE	GRADE	U ₃ O ₈
	(MT)	(% U ₃ O ₈)	(tonnes)	(MT)	(% U ₃ O ₈)	(tonnes)
JABILUKA ORE RESERVES						
Proved	-	-	-	-	-	-
Probable	13.80	0.49	67,700	13.80	0.49	67,700
Total Proved and Probable Reserves	13.80	0.49	67,700	13.80	0.49	67,700

	CUT-OFF GRADE - 0.20% U ₃ O ₈			CUT-OFF GRADE - 0.20% U ₃ O ₈		
	ORE	GRADE	U ₃ O ₈	ORE	GRADE	U ₃ O ₈
	(MT)	(% U ₃ O ₈)	(tonnes)	(MT)	(% U ₃ O ₈)	(tonnes)
JABILUKA MINERAL RESOURCES						
IN ADDITION TO THE ABOVE RESERVE						
Measured	0.24	0.48	1,140	0.24	0.48	1,140
Indicated	4.30	0.36	15,330	4.30	0.36	15,300
Sub-total Measured and Indicated	4.54	0.36	16,440	4.54	0.36	16,440
Inferred Resources	10.90	0.53	57,500	10.90	0.53	57,500
Total Resources	15.44	0.48	73,940	15.44	0.48	73,940

Note: Rounding differences may occur.

As required by the Australian Securities Exchange, the above tables contain details of other mineralisation that has a reasonable prospect of being economically extracted in the future but which is not yet classified as Proved or Probable Reserves. This material is defined as Mineral Resources under the JORC Code. Estimates of such material are based largely on geological information with only preliminary consideration of mining, economic and other factors. While in the judgment of the Competent Person there are realistic expectations that all or part of the Mineral Resources will eventually become Proved or Probable Reserves, there is no guarantee that this will occur as the result depends on further technical and economic studies and prevailing economic conditions in the future.

The information in this report that relates to Ranger and Jabiluka Mineral Resources or Ore Reserves is based on information compiled by Geologists Greg Rogers (a full time employee of Energy Resources of Australia) and Arnold van der Heyden (a full time employee of Hellman & Schofield Pty Ltd and consultant to Energy Resources of Australia) and Mining Engineers Reid Miller and John Murphy (full time employees of Energy Resources of Australia) who are all members of the Australasian Institute of Mining & Metallurgy. Greg Rogers, Arnold van der Heyden, Reid Miller and John Murphy have sufficient experience which is relevant to the style of mineralisation and the type of deposit under consideration, and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Greg Rogers, Arnold van der Heyden, Reid Miller and John Murphy consent to the inclusion in this report of the matters based on their information in the form and context in which it appears.

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For further information on the company's activities please access ERA's website at
<http://www.energyres.com.au>

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