

08 July 2011

**SUCCESSFUL EXPLORATION PROGRAMME  
GROWS QUEENSLAND RESOURCE BASE****KEY POINTS**

- **Results confirm very successful exploration programme**
- **A new Resource, the Citation Prospect, added to the Isa West Project**
- **Drilling at existing prospects results in increased grade, content and confidence**
- **Company-wide JORC Resource base now in excess of 105 Mlbs U<sub>3</sub>O<sub>8</sub>**

Advanced stage uranium explorer **Deep Yellow Limited (ASX: DYL)** is pleased to announce results from a very successful exploration programme on its Queensland tenements. The results, provided by Coffey Mining Pty Ltd (Coffey), outline a new, increased Indicated and Inferred JORC Code Mineral Resource estimate for the region of **4.7 million tonnes at 460 ppm for 4.8 Mlbs U<sub>3</sub>O<sub>8</sub> at a 300 ppm cut-off**. A copy of the Coffey report is included in Appendix 1 whilst a summary of the new combined JORC estimate is shown in Table 1.

Following the release of DYL's maiden JORC Code Resource for the Mount Isa District in January 2010 the Company developed and implemented a number of drilling programmes in the area aimed at delineating additional mineralisation. These programmes largely focused on infill and deeper drilling to enhance the understanding and confidence in these resources. A map of the Mount Isa region is included as Figure 1.

The results from the programmes indicated zones of higher grade mineralisation and extended all of the prospects to depth leading to an overall increase in the tonnage and average grade which have now been included in the updated Resource. Drilling at all of the prospects also indicate that mineralisation remains open to depth providing further exploration upside potential.

Managing Director, Greg Cochran said that as a result of the successful exploration programme, DYL has also included a new resource into its Queensland portfolio.

"The Citation Prospect, which is part of the Isa West Project, had a few previous holes that intersected mineralisation. However the latest round of drilling has extended the mineralisation along strike and to depth, which has allowed the inclusion of Citation in the updated Resource estimate," Mr Cochran said.

As a result of the Resource upgrades DYL's JORC Resource Mineral Estimate Summary has been updated and the Company's total Resource base has now grown to **176.4 million tonnes at 271 ppm for 105.5 Mlbs U<sub>3</sub>O<sub>8</sub>**. (Table 2.)

## Queensland Resource Base Grows



Currently DYL's Mount Isa programme is focusing on generating undercover uranium targets. Through analysis of the geology and geophysical signatures of known uranium prospects the Company is developing a number of targets in areas where the host lithology is masked by more recent cover, preventing a detectable radiometric signature at surface.

This work has so far identified a number of prospective areas based on structural signature and inferred lithological relationships.

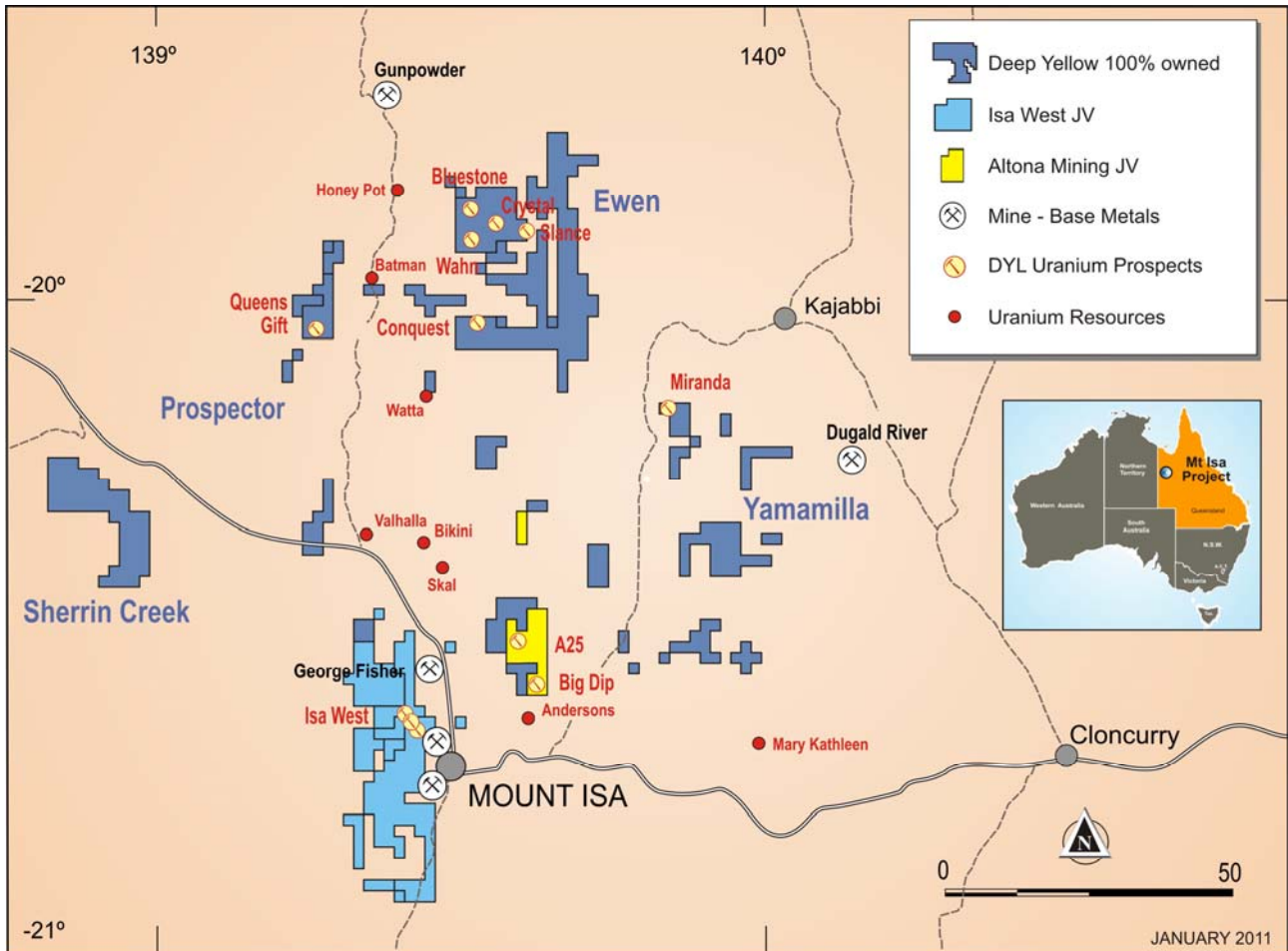


Figure 1: Queensland Project Locations



Table 1: Combined Queensland JORC Code Resource Estimate

Category	Cut-off Grade (U <sub>3</sub> O <sub>8</sub> ppm)	Tonnes	Grade (U <sub>3</sub> O <sub>8</sub> ppm)	Metal (tonnes U <sub>3</sub> O <sub>8</sub> )	Metal (Mlb U <sub>3</sub> O <sub>8</sub> )
<b>Total Isa North (Queens Gift and Slance Prospects)</b>					
Inferred	> 200	1,430,000	340	490	1.1
	> 300	650,000	460	300	0.7
Indicated	> 200	1,810,000	420	760	1.7
	> 300	1,160,000	510	600	1.3
Combined	> 200	3,240,000	390	1,240	2.8
	> 300	1,810,000	500	890	2.0
<b>Total Isa West (Thanksgiving, Bambino, Citation and Eldorado Prospects)</b>					
Inferred	> 200	3,290,000	360	1,190	2.7
	> 300	1,830,000	450	820	1.8
Indicated	> 200	1,900,000	350	660	1.5
	> 300	1,080,000	420	450	1.0
Combined	> 200	5,200,000	360	1,850	4.1
	> 300	2,910,000	440	1,280	2.8
<b>Total Isa Region</b>					
Inferred	> 200	4,720,000	360	1,680	3.7
	> 300	2,480,000	450	1,120	2.5
Indicated	> 200	3,720,000	380	1,420	3.1
	> 300	2,240,000	470	1,050	2.3
Combined	> 200	8,440,000	370	3,100	6.8
	> 300	4,720,000	460	2,170	4.8

\* Note: Figures have been rounded



Table 2: DYL JORC Mineral Resource Estimate Summary – July 2011

Deposit	Category	Cut-off (ppm U <sub>3</sub> O <sub>8</sub> )	Tonnes (M)	U <sub>3</sub> O <sub>8</sub> (ppm)	U <sub>3</sub> O <sub>8</sub> (t)	U <sub>3</sub> O <sub>8</sub> (Mlb)
<b>REPTILE URANIUM NAMIBIA (NAMIBIA)</b>						
<b>Omahola Project</b>						
INCA ♦	Indicated	250	9.4	385	3,628	8.0
INCA ♦	Inferred	250	5.5	445	2,449	5.4
Ongolo	Indicated	275	4.7	410	1,920	4.24
Ongolo	Inferred	275	2.2	400	890	1.97
Tubas Red Sand ♦	Measured/Indicated	100	3.2	168	532	1.2
Tubas Red Sand ♦	Inferred	100	10.7	158	1,685	3.7
<b>Omahola Project Total</b>			<b>35.7</b>	<b>311</b>	<b>11,104</b>	<b>24.51</b>
<b>Tubas-Tumas Palaeochannel Project</b>						
Tumas ♦	Indicated	200	14.4	366	5,270	11.6
Tumas ♦	Inferred	200	0.4	360	144	0.3
Tubas	Inferred	100	77.3	228	17,620	38.9
<b>Tubas-Tumas Project Total</b>			<b>92.1</b>	<b>250</b>	<b>23,034</b>	<b>50.8</b>
<b>Aussinanis Project</b>						
Aussinanis ♦	Indicated	150	5.6	222	1,243	2.7
Aussinanis ♦	Inferred	150	29	240	6,960	15.3
<b>Aussinanis Project Total</b>			<b>34.6</b>	<b>237</b>	<b>8,203</b>	<b>18</b>
<b>RUN TOTAL - NAMIBIA</b>			<b>162.4</b>	<b>261</b>	<b>42,341</b>	<b>93.31</b>
<b>NAPPERBY PROJECT (NT, AUSTRALIA)</b>						
Napperby	Inferred	200	9.3	359	3,351	7.4
<b>NAPPERBY TOTAL</b>			<b>9.3</b>	<b>359</b>	<b>3,351</b>	<b>7.4</b>
<b>MOUNT ISA PROJECT (QLD, AUSTRALIA)</b>						
Mount Isa	Indicated	300	2.2	470	1,050	2.31
Mount Isa	Inferred	300	2.5	450	1,120	2.48
<b>MOUNT ISA TOTAL</b>			<b>4.7</b>	<b>460</b>	<b>2,170</b>	<b>4.8</b>
<b>TOTAL INDICATED RESOURCES</b>			<b>39.5</b>	<b>345</b>	<b>13,643</b>	<b>30.05</b>
<b>TOTAL INFERRED RESOURCES</b>			<b>136.9</b>	<b>250</b>	<b>34,219</b>	<b>75.45</b>
<b>TOTAL RESOURCES</b>			<b>176.4</b>	<b>271</b>	<b>47,862</b>	<b>105.5</b>

Notes: Figures have been rounded and totals may reflect small rounding errors.  
XRF chemical analysis unless annotated otherwise.

♦ eU<sub>3</sub>O<sub>8</sub> - equivalent uranium grade as determined by downhole gamma logging.

Ends



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For further information on the Company and its projects  
- visit the website at [www.deepyellow.com.au](http://www.deepyellow.com.au)

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### **About Deep Yellow Limited**

Deep Yellow Limited (DYL) is an ASX-listed, advanced stage uranium exploration company with extensive operations in the southern African nation of Namibia and in Australia. It also has a listing on the NSX.

DYL's primary focus is in Namibia where its operations are conducted by its 100% owned subsidiary Reptile Uranium Namibia (Pty) Ltd (RUN). Its flagship is the Omahola Project currently under Pre-Feasibility Study with concurrent resource drill-outs on the high grade Ongolo Alaskite project and on secondary uranium mineralisation in the Tumas-Tubas palaeochannel/fluviatile sheetwash systems.

In Australia the Company is focused on resource delineation of mid to high grade discoveries in the Mount Isa district in Queensland, including the Queens Gift, Slance, Eldorado, Thanksgiving, Bambino and Citation Prospects. The company also owns the Napperby Uranium Project and numerous exploration tenements in the Northern Territory.

### **Compliance Statement**

*The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Leon Pretorius, a Fellow of The Australasian Institute of Mining and Metallurgy. Dr Pretorius has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr Pretorius consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

*The information in this report that relates to the Mineral Resource is based on information compiled by Neil Inwood. Neil Inwood is a Member of The Australasian Institute of Mining and Metallurgy. Neil Inwood is employed by Coffey Mining Pty Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking, to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Mineral Resources and Reserves'. Mr Inwood consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

*Where eU<sub>3</sub>O<sub>8</sub> is reported it relates to values attained from radiometrically logging boreholes with Auslog equipment using an A675 slimline gamma ray tool. All probes are calibrated either at the Pelindaba Calibration facility in South Africa or at the Adelaide Calibration facility in South Australia.*



**APPENDIX 1: COFFEY MINING PTY LTD**