Deep Yellow Limited

ABN 97 006 391 948

ASX Announcement **ASX Code: DYL**

Namibia: High Grade Intercepts From Infill Drilling Along the Oryx-Tumas Palaeochannel System

19 January 2010

Since completion of the 200 metre line spaced reconnaissance drilling programme on the Tumas-Oryx-Tubas palaeochannel systems (4 RC rigs), two RC rigs have been retained to complete a detailed infill grid on 50 x 50 metre centres over the higher grade mineralised zones between the Oryx and Tumas prospects (see Figure 1). Some of the better recent equivalent uranium results from the infill programme are given below and in Table 1.

- **10.5 metre at 2,034 ppm eU_3O_8 from 15.05 metre**
- **16.45 metre at 1,030 ppm eU_3O_8 from 15.32 metre**
- **18.2 metre at 844 ppm eU_3O_8 from 2.82 metre**

The results given in Table 1 come from holes located 300 - 600 metre north of **Hole TUMR332 which returned 39 metre at 1,254 ppm U_3O_8 from 4 metre depth** which included **16 metre at 2,969 ppm U_3O_8 from 15 metre**. The drill rigs are moving south towards the existing Tumas JORC Code resource area. A completion date for the drilling and JORC Code resource estimation will depend on how many holes are ultimately required in the drill-out programme.

Table 1: Equivalent Uranium Results – Palaeochannel Drilling

Hole *	UTM (mE)	UTM (mN)	TD (m)	From (m)	To (m)	Interval (m)	eU_3O_8 ppm	GTM
TUMR3469	511650	7457000	37	15.05	25.55	10.50	2,034	21,356
TUMR3556	511700	7456600	43	15.32	31.77	16.45	1,030	16,943
				35.37	36.57	1.20	2,152	2,582
TUMR3198	510650	7458550	43	2.82	21.02	18.20	844	15,358
TUMR3266	511100	7458200	46	16.28	26.88	10.60	1,253	13,281
TUMR3210	510700	7458450	46	6.68	22.13	15.45	530	8,187
TUMR3571	511750	7456550	46	16.20	24.80	8.60	936	8,050
TUMR3574	511900	7456550	41	10.75	23.40	12.65	427	5,401
TUMR3452	511500	7457050	43	11.74	24.74	13.00	382	4,960

***** All holes vertical

Level 1 329 Hay Street Subiaco WA 6008 / PO Box 1770 Subiaco WA 6904
Tel : 61 8 9286 6999 / Fax : 61 8 9286 6969 / ABN 97 006 391 948
Email: admin@deepyellow.com.au / Website: www.deepyellow.com.au

Namibia: High Grade Intercepts From Infill Drilling Along the Tumas-Oryx-Tubas Palaeochannel Systems

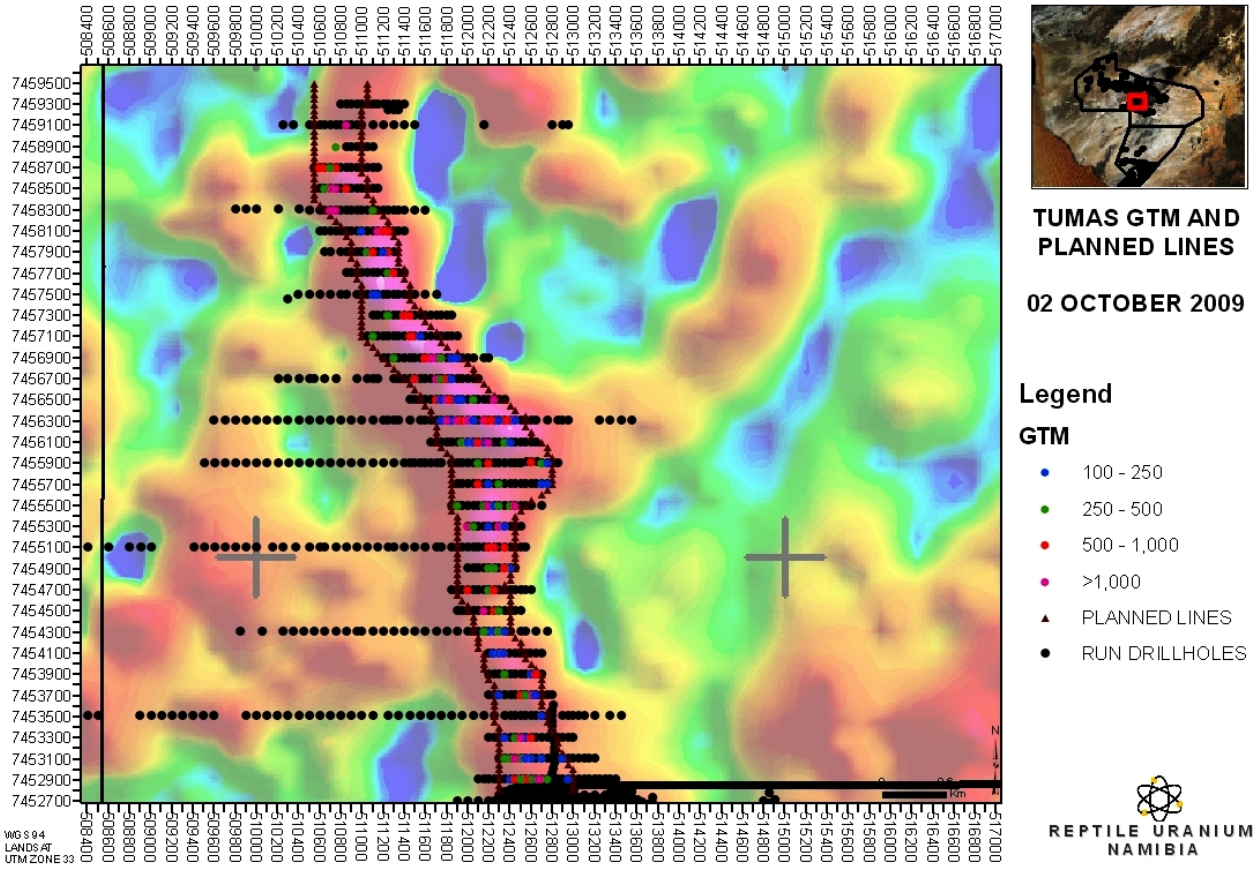

Figure 1: High Grade Mineralized Zones – 200 metre line spacing

Dr Leon Pretorius
Managing Director

Further Information: **Mr Martin Kavanagh**
Executive Director
(61 8) 9286 6999

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.

Where eU_3O_8 and/or cU_3O_8 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.

Deep Yellow Limited (DYL) is an Australian based pure uranium exploration company with extensive operations in Namibia and Australia.

DYL's principal development focus is in Namibia through its 100% owned subsidiary Reptile Uranium Namibia P/L (Reptile) at the mid to high grade Omahola Project and the extensive secondary calcrete deposits contained in the Tumas-Oryx-Tubas palaeochannel and fluviatile sheetwash systems.

The Omahola Project comprises the INCA uranium and iron and Tubas Red Sand (TRS) uranium deposits. JORC Code resource estimates for Omahola are being completed and management are confident it will underpin the stated objective of becoming a producer of 1,000 to 1,500 tonne of U_3O_8 per year at a grade of 400 ppm or better from the combined deposits.

As part of the transition from explorer to producer DYL and Reptile have been building a team of in-house expertise and consultants to complete the required studies and various reports and permit applications.

The Australian focus is on resource delineation in the Mount Isa district of Queensland and greenfields exploration in the Northern Territory. A pipeline of other projects in both countries are continually being examined and there is extensive exploration potential for new discoveries.