

**NEWS RELEASE**  
**(TSX-V Symbol: UBR)**

**URANIUM BAY ADDS U3O8 TO USKAWANIS, DOUBLES SIZE OF  
PROPERTY AND CONTINUES AGGRESSIVE PROGRAM TO DEFINE  
FULL U3O8 POTENTIAL**

- *Additional results from surface samples return up to 0.15% U3O8 (3.0 lbs/ton)*
- *313 new contiguous claims staked to the south and north of Uskawanis*
- *Also adds 29 new contiguous claims to its Kauschiskach property*

**Montreal, Quebec, July 31, 2007: URANIUM BAY RESOURCES INC. (TSX-V: UBR)** is pleased to update its shareholders on the ongoing exploration program at its 100% owned Uskawanis U3O8 property, and additional ground staked at Uskawanis and the Kauschiskach U3O8 properties.

**New U3O8 results at Uskawanis**

The company additional batch of U3O8 assay results from surface grab samples on the southern extension of the 6 km by 2 km U3O8 corridor are disclosed in the following table:

SAMPLE <sup>(1)</sup> LOCATION	U3O8 CONTENT <sup>(2)</sup>		
	PPM	%	Lbs / ton
<b>PAD 40/ GRAB 14</b>	<b>1,497.6</b>	<b>0.150%</b>	<b>3.00</b>
PAD 40 / GRAB 15	211.8	0.021%	0.42
<b>PAD 55 / GRAB 1</b>	<b>934.4</b>	<b>0.093%</b>	<b>1.86</b>
PAD 55 / GRAB 2	107.5	0.011%	0.22

**Claim staking at Uskawanis and Kauschiskach properties**

The Company successfully staked 313 new contiguous claims at **Uskawanis**. The property now covers 314 km<sup>2</sup>, situated 180 km SE of the town of Radisson on the south shore of the Opinaca Reservoir. The property is easily accessible via a short flight by floatplane or helicopter.

During the 2007 exploration campaign, GPR Geophysics International Inc. completed a detailed airborne, radiometric, VLF-EM and magnetic survey, that also covered areas to the south and to the north of the original property boundaries. The survey was followed by ground thruthing which determined an excellent U3O8 potential for these additional claim. U3O8 assay results from surface grab samples corridor are disclosed in the following table:

SAMPLE <sup>(1)</sup> LOCATION	U3O8 CONTENT <sup>(2)</sup>		
	PPM	%	Lbs / ton
PAD 27/ GRAB 1	31.9	0.003%	0.06
PAD 27/ GRAB 2	349.4	0.035%	0.70
<b>PAD 27/ GRAB 3</b>	<b>806.4</b>	<b>0.081%</b>	<b>1.62</b>

- (1) Surface grab samples freshly blasted samples and not chosen samples.
- (2) Assays are done at the ALS-Chemex facilities in Val-d'Or (Quebec) and North Vancouver (B.C.). The analytical protocol used is the ME-MS61, where samples are bar-coded, dried, weighed, crushed and pulverized with 50 grams of the 200 mesh fractions used in the analysis by mass spectrometer. Additional results are still pending.

In addition, the Company staked 29 new contiguous claims NW and E of the wholly owned **Kauschiskach** U3O8 property, which now covers 90 km<sup>2</sup>, located 100 km NE of the town of Radisson on the eastern shore of the LG-2 Reservoir. The property is also easily accessible by float plane or helicopter, with the nearest airport located in the community of Sakami, 32 km due S. During the month of July, GPR initiated a detailed airborne radiometric, VLF-EM and magnetic survey was initiated on the Kauschiskach property. Initial survey results have enabled the Company to identify large-scale U3O8 targets similar to those found at Uskawanis for immediate follow-up work.

The Company believes with the current exploration work at hand that the **Uskawanis U3O8 property** may host bulk-type U3O8 mineralization similar to the Rössing U3O8 bulk deposit and mine operation, and is currently focusing its work at confirming kilometric sized surface higher and lower grade U3O8. Rössing is one of the largest open pit uranium mines in the world operated by Rio Tinto (LSE: RIO) (NYSE: RTP). The deposit at a grade of 0.025% (0.5 lbs/ton) U3O8 is the World's fifth largest producer of U3O8 and accounts for nearly 8% of the current total world U3O8 production.

Mr. Jean Lafleur, P. Geo., a Mineral Exploration Consultant working for the field contractor and Qualified Person as defined by National Instrument 43-101, supervised the preparation of the information in this news release.

ON BEHALF OF THE BOARD OF DIRECTORS

(s) Bernard J. Tourillon  
President and CEO

### **About Uranium Bay Resources Inc.**

Uranium Bay Resources Inc. is a Canadian based junior resource and exploration company trading under the symbol UBR on the TSX Venture Exchange. The Company has 56,823,642 shares outstanding. The Company holds 100% of several U3O8 mineral exploration properties including the 314 km<sup>2</sup> Uskawanis Uranium property located just south of the Opinaca reservoir, the 90 km<sup>2</sup> Kauschiskach Uranium property located just 100 km NE of Radisson in the Quebec James Bay area of northern Quebec, and the five properties totaling 197 claims covering the Lac Georges (100 claims), Lac Forget (24 claims), Ruisseau Lebrun (38 claims) and Maurice (19 claims) properties located in the Wakeham area, in eastern Quebec.

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