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## Press Release

### **U3O8 Corp. intersects 30.7 metres at 0.06% (1.2 pounds per short ton) U<sub>3</sub>O<sub>8</sub> at Aricheng C in the Kurupung Project, Guyana**

#### ***Size of 9<sup>th</sup> uranium-bearing structure more than doubles to 350m in length, still open***

Toronto, Ontario – November 25, 2010 – **U3O8 Corp. (TSX Venture: UWE)**, a Canadian-based company focused on uranium exploration and resource expansion in South America, reports that drilling has more than doubled the size of the Aricheng C structure in the Kurupung Batholith in Guyana (Figure 1). This ninth uranium-bearing zone now extends 350 metres (“m”) long, and is open along trend and at depth. Results from scout drilling suggest that the Kurupung structures identified to date may contain a conceptual target of 13-18 million tonnes at a grade of 0.08% to 0.10% U<sub>3</sub>O<sub>8</sub> (for an estimated 30-32 million pounds (“mlb”) U<sub>3</sub>O<sub>8</sub>) including the initial National Instrument 43-101 (“NI 43-101”) resource estimate of 5.8mlb U<sub>3</sub>O<sub>8</sub> Indicated and 1.3mlb U<sub>3</sub>O<sub>8</sub> Inferred<sup>1</sup>.

“Scout drilling continues to successfully expand our inventory of mineralized structures in the Kurupung district, while demonstrating the resource growth potential of the project,” said Dr. Richard Spencer, U3O8 Corp’s President and CEO. “Drilling will now focus on the Accori area as we progress towards our goal of showing that the Kurupung uranium system could host a resource of comparable size to peer deposits that typically contain 50 to 130mlb of uranium<sup>2</sup>. We are focused on expanding our resource potential at shallow depth, to approximately 200m, while recognizing that similar deposits elsewhere in the world extend to over 700m below surface. This typical depth provides us with flexibility to potentially increase the resource at any time through deeper drilling.”

**Table 1 – Assay Results for Aricheng C**

Summary of significantly mineralized intercepts cut in the six bore holes (1,701 metres) drilled in the recent campaign at Aricheng C. A total of 10 bore holes have been drilled for a total of 2,718m (results of the previously four bore holes were reported in the press release dated July 14, 2010). Aricheng C, along with the Aricheng North and Aricheng A, comprise the Aricheng North Complex.

Bore Hole Number	Intercept				Grade	
	From (m)	To (m)	Width (m)	Estimated True Width (m)	U <sub>3</sub> O <sub>8</sub> (%)	U <sub>3</sub> O <sub>8</sub> lbs/st
ARC-005	69	73	4	3.5	0.070	1.41
	79	90	11	9.7	0.058	1.15
	99	103	4	3.5	0.113	2.27
	120	124	4	3.5	0.093	1.85
	131	136	5	4.4	0.107	2.15
ARC-006	No significant intercepts					
ARC-007	57	93	36	30.7	0.062	1.24
Including	75	81	6	5.1	0.148	2.97
ARC-008	147	150	3	2.6	0.055	1.10
	165	169	4	3.4	0.042	0.84
	72	82	10	8.5	0.052	1.05
	218	224	6	5.1	0.041	0.83
ARC-009	237	247	10	8.5	0.045	0.91
ARC-010	187	190	3	2.6	0.149	2.99
	199	206	7	6.1	0.172	3.43

**Note:** lbs/st is an abbreviation for pounds per short ton. 1 short ton = 2,000lbs or 0.907 metric tonnes.

Potential quantity and grade are based on drill results that define the approximate length, thickness, depth and grade of the target area, but are considered conceptual in nature. To date, there has been insufficient exploration drilling to define a mineral resource on the Aricheng C structure reported in this press release, and it is uncertain if further exploration drilling will result in a mineral resource being defined in this area.

**Aricheng C Structure**

The Aricheng C structure is orientated northeast and dips about 70° to the northwest. Mineralization occurs within a brecciated albitite-altered zone and is marked by a corridor of relatively low magnetism that extends eastwards through the area in which the 10 exploration bore holes were drilled (Figure 2). Mineralization at Aricheng C extends 350m along strike and is open along trend to the west and at depth (Figure 3). The easternmost bore hole (ARC-006) appears to have been drilled to the east of a fault that is suspected to have displaced the eastern extension of the Aricheng C structure to the northeast (Figure 2). Field work is being undertaken to find the possible extension of the structure in that area. Uranium mineralization occurs in the saprolite at surface to the deepest intercept at approximately 235m below surface.

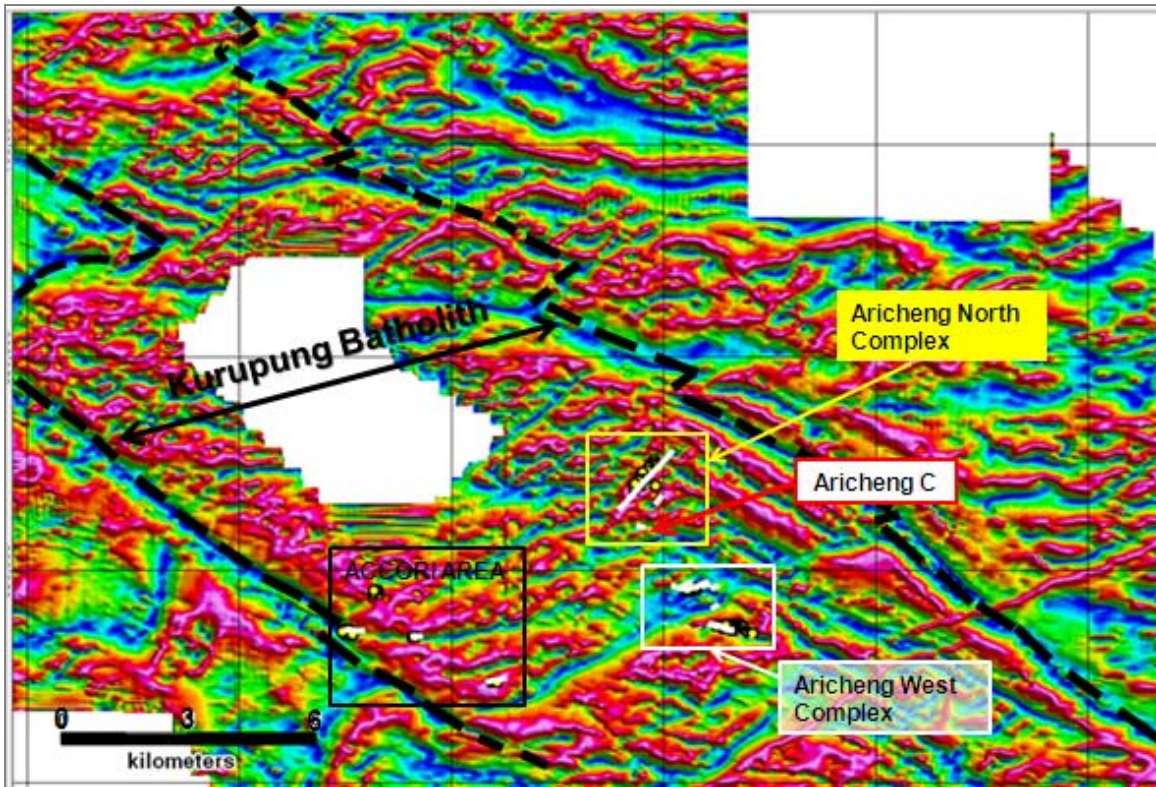
**Quality Assurance & Quality Control**

Diamond drilling at Aricheng C was undertaken with U3O8 Corp’s own drill rig that produced NQ (nominal 47.6 millimetre diameter) core. A down-hole spectral gamma probe was used in the 10 bore holes reported on here to determine the extent of the mineralized intervals by providing an estimate of the uranium grade based on the radioactivity measured. Core from each mineralized interval was halved with a diamond saw on-site and half core samples were delivered to ACME Laboratory’s preparation facility in Georgetown, Guyana. Sample blanks and certified standards were inserted at an average frequency of one per 25 samples.

Sample pulps were then shipped by ACME to their analytical facility in Vancouver, BC, Canada, for analysis for uranium by ICP-MS after hot, four-acid digestion. The other half of the core was logged and is stored on-site, providing a complete record of the geology and mineralized zones drilled.

Dr. Richard Spencer, President and CEO of U3O8 Corp., a Qualified Person within the definition of that term in NI 43-101 of the Canadian Securities Administrators, had overall responsibility for target and drill-site selection at on the Aricheng C target. Dr. Spencer has supervised the preparation of, and verified, the technical information in this release.

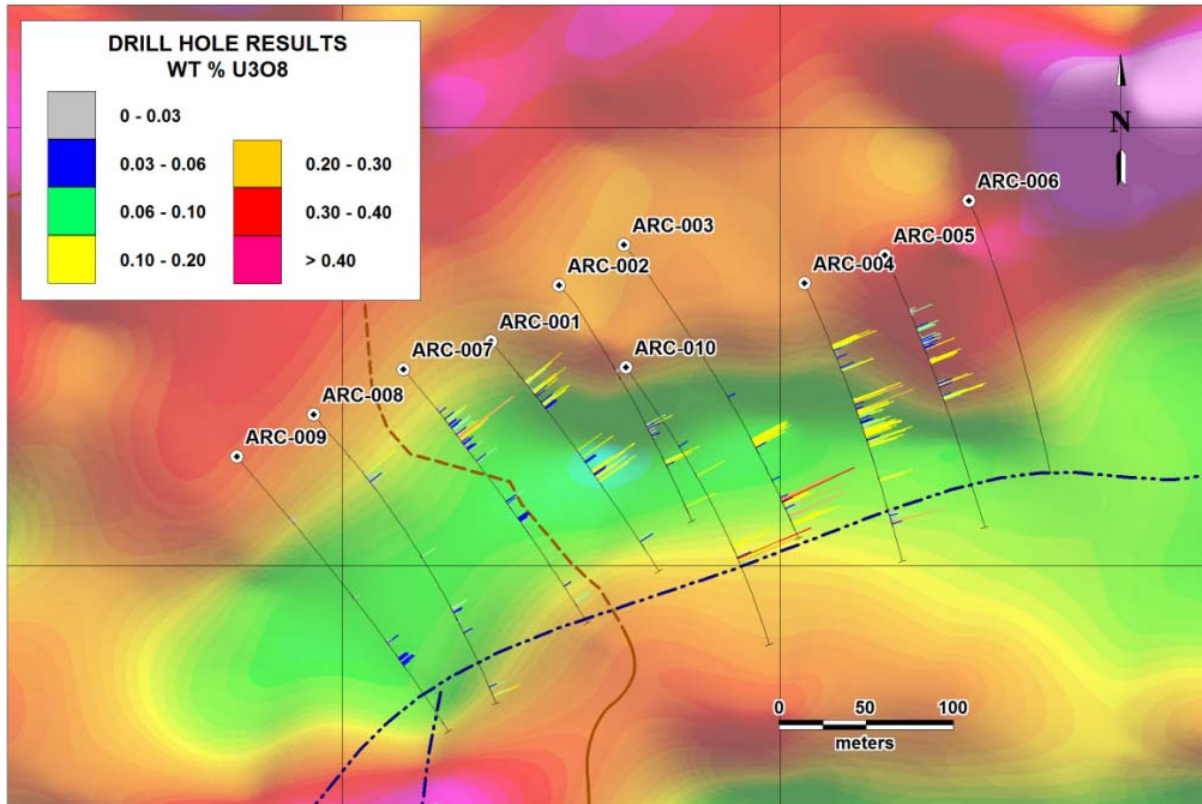
**Figure 1 – Clusters of Multiple Uranium-Bearing Structures in the Kurupung Batholith**



Map of airborne magnetic data from the Kurupung area. The Kurupung Batholith lies between northwest trending bounding shear zones (black dashed lines). Cool colours (blue and green) represent rocks with little magnetism while warm colours (pink and orange) represent magnetic rocks. Most uranium found by U3O8 Corp. to date lies within demagnetized faults (cool coloured areas).

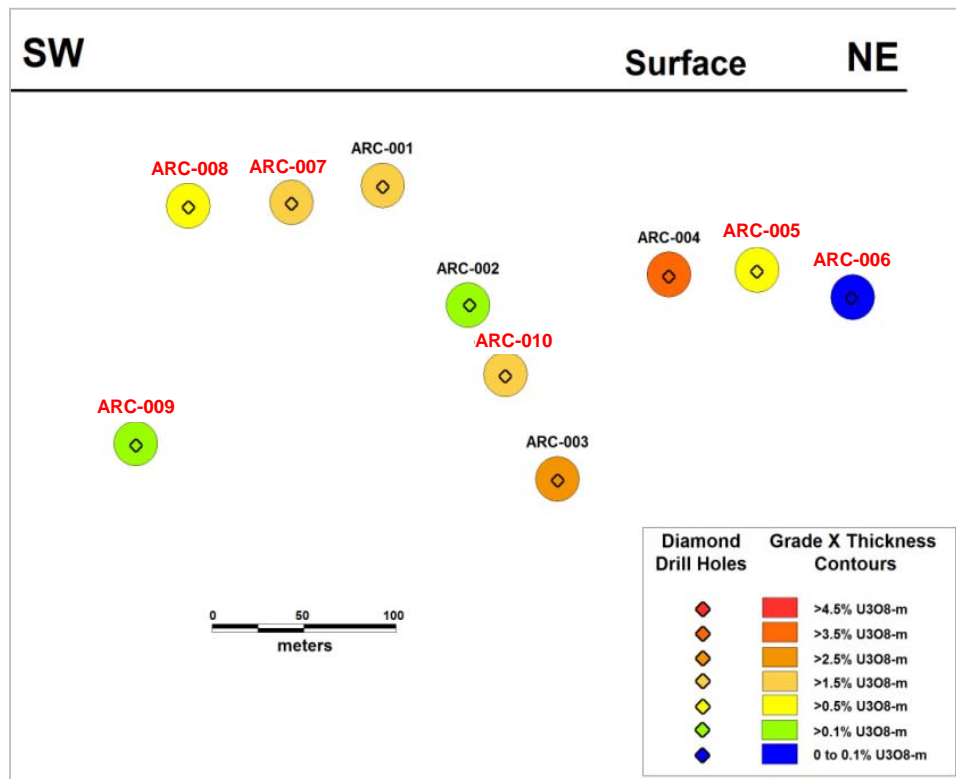
The locations of the Aricheng C structure (labelled in red) within the Aricheng North Complex (labelled in yellow) discussed in this press release are shown relative to the airborne magnetics. White irregular areas show the footprint of uranium mineralization drilled by U3O8 Corp.

**Figure 2 – Drill Hole Locations at Aricheng C**



Plan view of the location of the 10 bore holes (results reported in this press release are for bore holes ARC-005 to ARC-010) drilled in the scout drilling program on the Aricheng C structure shown on a map of ground magnetic data (cool colours – green and yellow – mark least magnetic areas while warm colours – orange and red – mark areas of more intense magnetism). The collar position of each hole is shown as a dot and the extent of each inclined hole is shown as a black line. U<sub>3</sub>O<sub>8</sub> grade (%) is shown as a histogram along the trace of the bore hole.

**Figure 3 – Long Section of Aricheng C**



A provisional long section of the Aricheng C structure shows the distribution of grade-thickness values (the product of the width of the mineralized interval and its U<sub>3</sub>O<sub>8</sub> grade in %) on a vertical projection. A pierce point is the approximate location at which each bore hole intersects the mineralization. Bore holes for which results are reported in this press release are labelled in red.

## About U3O8 Corp.

U3O8 Corp. is a Toronto-based exploration company, focused on exploration and resource expansion of uranium and associated commodities in South America – a promising new frontier for exploration and development. U3O8 Corp. has one of the most advanced portfolios of uranium projects in the region comprising NI 43-101 compliant resources in Guyana to significant historic resources in Colombia and near-resource and discovery potential in Argentina.

- (1) *Based on a cut-off grade of 0.05% U<sub>3</sub>O<sub>8</sub>, a NI 43-101 resource estimate of 5.8mlb Indicated at an average grade of 0.10% (2.0 lbs/st) U<sub>3</sub>O<sub>8</sub> and 1.3mlb Inferred at an average grade of 0.09% (1.9 lbs/st) U<sub>3</sub>O<sub>8</sub> has been reported on the Aricheng North and Aricheng South structures in the Kurupung Batholith. For further information, refer to the technical report dated January 14, 2009 titled "A Technical Review of the Aricheng North and Aricheng South Uranium Deposits in Western Guyana for U3O8 Corp. and Prometheus Resources (Guyana) Inc., available on U3O8 Corp's web site at [www.u3o8corp.com](http://www.u3o8corp.com) and on SEDAR at [www.sedar.com](http://www.sedar.com).*
- (2) *Geologically similar albitite-hosted uranium deposits worldwide including the Coles Hill deposit (USA), the Valhalla deposit (Australia) and Michelin deposit (Canada), typically host resources in the 50 to 130mlb range with typical grades of 0.06% to 0.10% U<sub>3</sub>O<sub>8</sub>, within multiple mineralized structures. These deposits have not been independently verified by U3O8 Corp. and information regarding these deposits is drawn from publicly available information. Comparisons of U3O8 Corp's uranium resource and exploration targets with other uranium deposits are conceptual in nature. There is no certainty that further exploration of U3O8 Corp's uranium resource or other targets will result in the delineation of a similar mineral resource.*

## Forward-Looking Statements

*Certain information set forth in this news release may contain forward-looking statements that involve substantial known and unknown risks and uncertainties. These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond the control of U3O8 Corp., including, but not limited to, the impact of general economic conditions, industry conditions, volatility of commodity prices, risks associated with the uncertainty of exploration results and estimates and that the resource potential will be achieved on exploration projects, currency fluctuations, dependence upon regulatory approvals, and the uncertainty of obtaining additional financing and exploration risk. There is no assurance that mineralization encountered at Aricheng C will add to U3O8 Corp's resource base. Readers are cautioned that the assumptions used in the preparation of such information, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements.*

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