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## Press Release

### **Azimut and Rukwa discover uranium mineralization grading up to 1.21% U<sub>3</sub>O<sub>8</sub> at North Minto and South Minto, Nunavik, Quebec**

Longueuil, Quebec – **Azimut Exploration Inc.** (“Azimut”) and its partner **Rukwa Uranium Ltd** (“Rukwa”) report encouraging results for their 2008 field program at the **North Minto** and **South Minto** properties in Nunavik, Quebec. The highlight of the program was the discovery of a high grade prospect related to a regional-scale structure, yielding up to **1.21% U<sub>3</sub>O<sub>8</sub>** with a U/Th ratio of 25,600. This target, which warrants a priority follow-up, may represent a major late-stage structurally-controlled mineralized system.

These results further confirm the uranium potential of the Central Quebec region identified by Azimut through its predictive modeling that covered most of Quebec and Labrador. Other encouraging prospecting results in Central Quebec were obtained following programs conducted on Azimut’s properties in 2008. These previously released results were from the **Hudson Bay** (up to **3.01% U<sub>3</sub>O<sub>8</sub>**), **West Minto** (up to **0.90% U<sub>3</sub>O<sub>8</sub>**), **Central Minto** (up to **0.65% U<sub>3</sub>O<sub>8</sub>**) and **South Bienville** (up to **0.67% U<sub>3</sub>O<sub>8</sub>**) properties. Prior to these programs, very little uranium mineralization had been reported in the Central Quebec region, and none on the above 6 properties (7,785 claims). A total of 86 new uranium showings have now been identified on the properties by Azimut and its partners, and several of them appear to be very attractive for additional exploration.

At **North Minto** (2,276 claims covering 1,042 km<sup>2</sup>), a total of 103 rock samples were collected and analyzed: 100 from outcrops and 3 from boulders. Outcrop samples returned assays up to 0.14% U<sub>3</sub>O<sub>8</sub> and boulder samples yielded assays less than 0.01% U<sub>3</sub>O<sub>8</sub>. One soil sample returned 0.74% U<sub>3</sub>O<sub>8</sub>. Uranium results for the grab samples are as follows:

- 6 samples with values above 0.05% U<sub>3</sub>O<sub>8</sub>, including: 0.14% U<sub>3</sub>O<sub>8</sub>, 0.13% U<sub>3</sub>O<sub>8</sub>, 0.10% U<sub>3</sub>O<sub>8</sub>, 0.10% U<sub>3</sub>O<sub>8</sub> and 0.07% U<sub>3</sub>O<sub>8</sub>;
- 7 samples with values from 0.01% to 0.05% U<sub>3</sub>O<sub>8</sub>;
- 90 samples with values less than 0.01% U<sub>3</sub>O<sub>8</sub>.

The U/Th ratios for the 6 samples with more than 0.05% U<sub>3</sub>O<sub>8</sub> range from 0.7 to 3.3. Mineralization is hosted mainly in pegmatite dykes and granite. Significant mineralization has been identified in the southwestern portion of the property over a 2-km-long target area. It occurs along an important northwest-trending structure that coincides with a contact between tonalites and granites. Metavolcanic and metasedimentary rocks are proximal to this contact. The mineralization shows a good spatial correlation with lake-bottom sediment and helicopter-borne radiometric anomalies.

On the **South Minto** property (1,230 claims covering 574 km<sup>2</sup>), a total of 9 samples were collected and analyzed: 7 from outcrops and 2 from boulders. Outcrop samples returned assays up to 1.21% U<sub>3</sub>O<sub>8</sub> and one boulder sample yielded an assay value of 0.36% U<sub>3</sub>O<sub>8</sub>. Uranium results for grab rock samples are as follows:

- 3 samples with values above 0.05% U<sub>3</sub>O<sub>8</sub>, including 1.21% U<sub>3</sub>O<sub>8</sub>, 0.89% U<sub>3</sub>O<sub>8</sub> and 0.36% U<sub>3</sub>O<sub>8</sub>;
- 6 samples with values less than 0.01% U<sub>3</sub>O<sub>8</sub>.

The most interesting prospect has been identified in the central portion of the property along an important structure and correlates with high values in uranium in lake-bottom sediment (up to 1,030 ppm U) and helicopter-borne uranium anomalies. It returned grades of 1.21% U<sub>3</sub>O<sub>8</sub> and 0.89% U<sub>3</sub>O<sub>8</sub> with U/Th ratios of 25,600 and 10,800 respectively. The two samples collected are chlorite-rich rocks with anomalous values in gold (up to 267 ppb), lead (up to 0.39%) and copper (up to 759 ppm).

Last summer's program at North Minto and South Minto assessed target areas that were previously defined using the results of 2007 exploration work, which included uranium values (up to 1,330 ppm U) in lake-bottom sediments and preliminary data from a helicopter-borne radiometric survey over part of the South Minto property (press release of April 2, 2008). When the radiometric survey was completed in 2008 (6,795 line-km), it also covered the North Minto property.

Data interpretation for both properties is nearly complete and will be used to define the 2009 follow-up field program. Rukwa is the operator. Azimut has granted Rukwa the option to earn a 50% interest on both properties and an additional 15% interest upon the delivery of a bankable feasibility study. Rock samples were assayed at Activation Laboratories Ltd in Ancaster, Ontario, and at SGS Lakefield Research Limited in Lakefield, Ontario. Both laboratories are ISO-IEC 17025 accredited facilities.

Year 2009 option payments totalling \$120,000 have been received from Rukwa in respect of the North Minto and South Minto properties. To date, Azimut's 2009 revenue amounts to \$435,000.

This press release was prepared by geologist Jean-Marc Lulin acting as Azimut's Qualified Person under NI 43-101. Azimut is a mineral exploration company using a proprietary targeting methodology combined with considerable exploration know-how to discover major ore deposits.

- 30 -

### **Contact and information**

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