

Montreal, February 20, 2007. - Strateco Resources Inc. (TSX Venture: RSC; USA: SRSIF; Deutsche Börse (Frankfurt): RF9)

**MATOUSH CONTINUES TO DELIVER, WITH AN INTERSECTION  
OF 2.13% U<sub>3</sub>O<sub>8</sub> OVER 15.2 METRES, INCLUDING 3.20% OVER 8.4 METRES**

**Strateco Resources Inc.** ("Strateco") is pleased to announce the latest results of chemical analyses for the holes drilled in December 2006 on its Matoush uranium property. The Matoush property is wholly owned by Strateco and is located in the Otish Mountains of northern Quebec.

Strateco has received results from the Saskatoon Research Center (SRC) for 13 additional holes of the 2006 program, which totalled 13,668 metres of drilling in 38 holes.

The new results are for holes MT-06-22 to MT-06-26 and MT-06-31 to MT-06-38. Holes MT-06-31 to 38 were drilled in the AM-15 zone and its northern extension in the upper section of the ACF facies across a lateral distance of about 150 metres. Exploration holes MT-06-22 to MT-06-26 were drilled on a wide grid of about 100 metres, with Hole MT-06-26 situated 500 metres north of AM-15. (See longitudinal section on the website for the location of the drill holes: [www.stratecoinc.com](http://www.stratecoinc.com))

Results of chemical analysis on the holes confirm the excellent potential of the AM-15 zone, which is characterized overall by very high grades over considerable widths. The best results were obtained in **Hole MT-06-35**, which returned a grade of **2.13% U<sub>3</sub>O<sub>8</sub> over 15.2 metres**, representing **43 lb/ton U<sub>3</sub>O<sub>8</sub>** over a 50-foot length. This intersection includes **3.20% U<sub>3</sub>O<sub>8</sub> over 8.4 metres (64 lb/ton)** and **11.16% U<sub>3</sub>O<sub>8</sub> over 0.9 metres (223 lb/ton)**. Hole MT-06-35 was drilled to fill in a large gap in the lower central section of the AM-15 zone, and had a pierce point at a vertical depth of -241 metres.

Holes MT-06-31, 32, 33 and 37 were drilled to test the uranium potential at the CFB/ACF contact in the northern extension of Hole **MT-06-30**, which had returned an excellent intersection of **2.1% U<sub>3</sub>O<sub>8</sub> over 12.4 metres (42 lb/ton U<sub>3</sub>O<sub>8</sub> over 41 feet)**. The results for these holes, and particularly Hole MT-06-32, were conclusive. **Hole MT-06-32** intersected two mineralized sections in the CBF layer. The first, located in the hangingwall of the fault, returned **1.66% U<sub>3</sub>O<sub>8</sub> over 5.5 metres (33 lb/ton U<sub>3</sub>O<sub>8</sub>)**, and the second yielded **0.81% U<sub>3</sub>O<sub>8</sub> over 3.3 metres (16 lb/ton U<sub>3</sub>O<sub>8</sub>)** at the fault level.

**Hole MT-06-36** veered off course and has a pierce point in the vicinity of Hole MT-06-02 (0.74% U<sub>3</sub>O<sub>8</sub> over 18.2 metres), proved equally impressive, with a similar grade of **0.78% U<sub>3</sub>O<sub>8</sub> over a substantial length of 23.4 metres, or 80 feet.**

The intersections for holes MT-06-31 to MT-06-38 are shown in the following table:

Hole	Collar		Az. (°)	Angle (°)	From (m)	To (m)	Core length (m)	% U <sub>3</sub> O <sub>8</sub>	Facies	Max cps	lb/ton
	East	North									
MT-06-31	9+93E	30+90S	277	-52	253	256	3,0	0.42	CBF	10700	8.45
					268	271	3,0	0.07	ACF	1175	1.31
<b>MT-06-32</b>	<b>9+90E</b>	<b>30+90S</b>	<b>284</b>	<b>-52</b>	<b>241.5</b>	<b>247</b>	<b>5.5</b>	<b>1.66</b>	<b>CBF</b>	<b>36000</b>	<b>33.29</b>
					<b>250</b>	<b>253.3</b>	<b>3.3</b>	<b>0.81</b>	<b>CBF</b>		<b>16.14</b>
MT-06-33	9+90E	30+40S	275.5	-52	237.5	239.9	2.4	0.46	CBF	11400	9.26
					260.6	265	4.4	0.64	ACF	31400	12.79
MT-06-34	10+48E	31+32S	273.5	-47	315.3	319.2	3.9	0.02	ACF	540	0.42
<b>MT-06-35</b>	<b>10+48E</b>	<b>31+32S</b>	<b>270</b>	<b>-46</b>	<b>306.4</b>	<b>321.6</b>	<b>15.2</b>	<b>2.13</b>	<b>ACF</b>	<b>65000</b>	<b>42.69</b>
Including					306,8	315,2	8,4	3,20			64,00
					308,4	309,3	0,9	11,16			223,0
<b>MT-06-36</b>	<b>10+49E</b>	<b>31+32S</b>	<b>281.5</b>	<b>-47.5</b>	<b>315</b>	<b>338.4</b>	<b>23.4</b>	<b>0.78</b>	<b>ACF</b>	<b>34000</b>	<b>15.60</b>
MT-06-37	9+93E	30+90S	281.5	-48	236	237	1,0	0.41	CBF	3500	8.19
MT-06-38	9+89E	30+40S	285	-52	233.7	239	5.3	0.16	CBF	3200	3.11

Exploration holes MT-06-22 to MT-06-26 each intersected the Matoush fault, with low to moderate grades over thicknesses of up to 1.5 metres in Hole MT-06-25.

The following table shows the chemical analyses for those holes.

Hole	Collar		Az. (°)	Angle (°)	From (m)	To (m)	Core length (m)	% U <sub>3</sub> O <sub>8</sub>	Facies	Max cps	lb/ton
	East	North									
MT-06-22	10+50E	26+50S	276	-45	302.8	303.6	0.8	0.05	ACF	600	0.91
MT-06-23	10+50E	26+50S	276	-52	335	336	1,0	low values	ACF	120	
MT-06-24	8+65E	26+50S	277	-45	74	74.2	0.2	low values	ACF	90	
MT-06-25	10+50E	27+10S	277	-52,5	358	359.5	1.5	0.20	CBF	2500	3.95
MT-06-26	10+50E	27+10S	276	-46	358.2	360.3	2.1	low values	CBF	2500	

Drilling resumed on January 10, 2007 following the Holiday break. The first phase of 2007 drilling is essentially aimed at testing the extension immediately south of the AM-15 zone. Six holes, MT-07-01 to MT-07-06, for which the geological logs were completed, were drilled for a total of 2.073 metres.

At the beginning of the year, Hole MT-07-01, the only hole drilled in the northern extension of the AM-15 zone, tested the possible continuity of the mineralization in the CFB layer above holes MT-06-32 and 33. The hole confirmed the continuity of the structure and the usual alterations. The maximum radiometry recorded on the core was 2,500 CPS. Of holes MT-07-02, 03 and 04 drilled in the upper section of the ACF facies, Hole MT-07-03 proved the most interesting, yielding a mineralized intersection of 15.8 metres with up to 20,000 CPS.

Holes MT-07-5 and 06, drilled on the same section in the middle and lower ACF facies about 50 metres south of the AM-15 zone, both intersected mineralization in the form of pitchblende and uranophanes, with up to 13,000 and 15,500 CPS respectively. The mineralized intersection from MT-07-6 was exceptionally large, at 15.1 metres (50 feet).

The following table shows the location of holes MT-07-01 to MT-07-6.

Hole	Collar		Az. (°)	Angle (°)	From (m)	To (m)	Core length (m)	% U <sub>3</sub> O <sub>8</sub>	Facies	Max cps	lb/ton
	East	North									
MT-07-01	9+90E	30+40S	275	-46	231	231.7	0.7	Pending	CBF	2500	
MT-07-02	10+29E	31+80S	278	-46.5	301	307	6,0	Pending	ACF	22000	
MT-07-03	10+29E	31+80S	285	-45	291.6	307.4	15.8	Pending	ACF	20000	
MT-07-04	10+29E	31+80S	272	-45.5	302.8	304.1	1.3	Pending	ACF	1000	
MT-07-05	10+29E	31+80S	272	-49	304.8	307.6	2.8	Pending	ACF	13000	
MT-07-06	10+29E	31+80S	273	-50.5	317.9	333	15.1	Pending	ACF	15500	

\*ACF: Active Channel Facies

\*CBF: Channel Bar Facies

The true widths of the mineralized intersections in this release have not yet been determined.

The holes drilled on the AM-15 zone in 2006 plus the first eight holes for 2007 (MT-07-01 to MT-07-08) will fulfill the drill grid requirements for a 43-101-compliant resource estimate. The estimate will be done in the summer of 2007, once the results have been compiled.

Guy Hébert, President of Strateco Resources Inc. says: "We are extremely satisfied and encouraged by the excellent drill results on Matoush, which continue to confirm the strong, high-grade U<sub>3</sub>O<sub>8</sub> potential of this unique property. We expect 2007 to be a truly exciting year."

Reconstruction of the winter road over a distance of 130 km has been completed as planned, along with construction of a new 11-km section allowing access to the future camp and transport of the equipment and fuel required in 2007. Mobilization is already underway. The second drill is on site, and the first deep hole ever to be drilled to test the uranium potential at the sediment/bedrock contact on Matoush will begin within the week. With a planned length of 1.200 metres, this hole is aimed at intersecting the contact with the presumed continuity of the fault at an estimated vertical depth of 950 metres. The third drill should arrive on site around mid-March and will be dedicated to drilling on the ice (South extension of AM-15) until the mid-April 2007.

Drilling on the lake is expected to begin in about one week, once the ice is thick enough. It should be noted that the target area that could only be drilled from the lake corresponds to the best intersection obtained by Uranerz Mining in 1984 in the ACF near surface, namely 0.29% U<sub>3</sub>O<sub>8</sub> over 4 metres in Hole AM-09. Hole AM-06, 200 metres North of AM-09, drilled above Hole AM-15, returned an intersection of 0.30% U<sub>3</sub>O<sub>8</sub> over 0.5 metres.

Thanks to a recently completed \$25 million financing, the Company has \$31,500,000 in its treasury. Strateco is well financed to aggressively pursue exploration on the Matoush project, one of the best uranium exploration projects in the world.

A budget of CA \$16 million has been allocated to Matoush for 2007. In addition to exploration, various studies will commence in the summer of 2007, including an environmental impact and socio-economic study.

#### *Qualified Person*

*Jean-Pierre Lachance, geologist, is the qualified person as defined by National Instrument 43-101. He has over 30 years of experience in mining exploration.*

#### *Forward-Looking Statements*

*This press release contains forward-looking statements subject to certain risks and uncertainties. There can be no assurance that these statements will prove to be correct, and actual results and future events could differ materially from those implied by such statements. These risks and uncertainties are discussed in the annual report filed with the securities commissions of Alberta, British Columbia and Quebec, and in the 10-KSB annual report filed with the US Securities and Exchange Commission. The Company does not undertake to publicly revise or update any such statements on the basis of new information, future events or any other event.*

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