

Montreal, September 6, 2007 - Strateco Resources Inc. (Toronto Stock Exchange TSX: RSC; U.S.: SRSIF; Deutsche Börse (Frankfurt): RF9)

## STRATECO PROVIDES AN UPDATE ON WORK ON THE MATOUSH PROPERTY

Strateco Resources Inc. ("Strateco") is pleased to report the results of 27 holes drilled as part of its AM-15 zone resource definition program at its wholly-owned Matoush uranium property, located 300 km north of Chibougamau in northern Quebec.

Results of chemical analyses have been received from the Saskatchewan Research Council for 16 of the 27 holes reported on in this press release. These holes were drilled to test the extensions immediately north and south of the AM-15 zone, as well as the upper part of the zone, primarily in the CBF.

The pierce point of the holes locations can be seen on the Company's web site at [www.stratecoinc.com](http://www.stratecoinc.com).

The results confirm that even the AM-15 zone extensions contain uranium grades that are among the highest in the world, particularly for holes MT-07-42 and MT-07-49, located 150 m and 185 m north of the AM-15 hole section. Hole MT-07-42 returned an intersection of 1.34% U<sub>3</sub>O<sub>8</sub> (27 lb/ton) over 1.3 metre, and hole MT-07-49 yielded an intersection of 1.83% U<sub>3</sub>O<sub>8</sub> (37 lb/ton) over 4.0 metres, including 2.01% U<sub>3</sub>O<sub>8</sub> over 3.6 metres (40.1 lb/ton). Table 1 shows these results by chemical analysis.

Table 2 summarizes in-situ radiometry results (% eU<sub>3</sub>O<sub>8</sub>) in the AM-15 area obtained by DGI Geoscience Inc., a company specializing in advanced borehole geophysics, using a calibrated natural gamma ray probe. Most of these holes were drilled in the northern extension of AM-15, with pierce points between 240 m and 395 m north of hole AM-15. It should be noted that the calibrated natural gamma ray probe was used in 34 holes, including the 16 holes for which chemical analysis results were obtained. The results for the two testing methods concurred.

**Table I: Geochemical Results for the AM-15 Zone**

\*ACF: Active Channel Facies

\*CBF: Channel Bar Facies

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-07-36	09+47E	31+19S	268	-61.0	178.9	180.1	1.1	0.26	CBF	1,500	5.20
					190.5	190.8	0.3	0.84	CBF	6,300	16.8
MT-07-37	10+79E	30+98S	291	-49.0	337.8	340.4	2.6	< 0.01	ACF	120	0
MT-07-38	09+46E	31+18S	286	-47.0	143.7	144.4	0.7	0.02	ACF	120	0.40
MT-07-39	10+79E	30+98S	288	-46.5	312.8	313.1	0.3	1.10	ACF	5,600	22.0
MT-07-40	09+40E	30+13S	270	-57.0	156.7	157.0	0.3	0.28	CBF	700	5.60
MT-07-41	09+39E	30+12S	287	-47.0	132.1	134.5	2.4	0.02	CBF	150	0.30

<b>MT-07-42</b>	<b>10+50E</b>	<b>29+83S</b>	<b>264</b>	<b>-49.0</b>	<b>297.9</b>	<b>299.2</b>	<b>1.3</b>	<b>1.34</b>	<b>ACF</b>	<b>10,700</b>	<b>26.8</b>
MT-07-43	09+44E	31+68S	280	-48.0	144.0	146.0	2.0	< 0.01	ACF	135	0
MT-07-44	10+49E	29+83S	266	-42.0	258.2	260.7	2.5	0.22	CBF	3,900	4.40
					301.2	308.0	6.8	0.04	ACF	550	0.80
MT-07-45	09+52E	32+18S	275	-46.0	150.0	151.0	1.0	0.01	ACF	190	0.24
MT-07-46	10+50E	29+83S	266	-54.0	317.7	323.8	6.1	< 0.01	ACF/CBF	120	0
MT-07-47	14+51E	28+62S	270	-59.0					Abandoned		
MT-07-48	09+53E	32+18S	265	-63.0	211.6	215.5	3.9	0.11	CBF	1,550	2.20
					227.1	227.7	0.6	0.14	ACF	800	2.80
<b>MT-07-49</b>	<b>10+50E</b>	<b>29+83S</b>	<b>273</b>	<b>-50.0</b>	<b>284.4</b>	<b>288.4</b>	<b>4.0</b>	<b>1.83</b>	<b>ACF</b>	<b>11,000</b>	<b>36.6</b>
	including				284.8	288.4	3.6	2.01			40.2
MT-07-50	09+53E	32+18S	274	-60.0	203.0	203.4	0.4	1.05	CBF	2,800	21.0
MT-07-51	10+49E	29+83S	273	-45.0	254.8	255.8	1.0	0.09	CBF	300	1.80
MT-07-52	10+50E	29+83S	280	-49.0	306.1	307.5	1.4	0.03	ACF		0.60

**Table 2: Radiometric Results DGI Geoscience (% eU<sub>3</sub>O<sub>8</sub>) for the AM-15 Zone**

Hole	Collar		Az.	Angle	From	To	Core length	%		Max.	Lb/
	East	North	(°)	(°)	(m)	(m)	(m)	eU <sub>3</sub> O <sub>8</sub>	Facies	cps	ton
MT-07-53	10+50E	28+76S	268	-47.5	305.0	305.5	0.5	0.025	ACF	270	0.50
MT-07-54	09+54E	32+18S	261	-66.0	250.0	251.3	1.25	0.453	ACF	5,300	9.06
					269.0	270.5	1.5	0.034	ACF	210	0.68
MT-07-56	09+54E	32+18S	258	-58.5	201.8	203.3	1.75	0.060	CBF	135	1.20
		including			202.3	203.0	0.75	0.100			2.00
					232.5	233.3	1.5	0.052	CBF	350	1.04
MT-07-57	10+50E	28+76S	280	-47.0	274.5	275.5	1.0	0.040	CBF	100	0.80
MT-07-58	08+77E	30+08S	275	-47.5	48.0	49.0	1.0	0.010	ACF	130	0.20
MT-07-60	10+51E	27+92S	268	-45.0	272.8	275.0	2.25	< 0.010	CBF	150	0
MT-07-62	10+51E	27+92S	282	-49.0	285.8	287.0	1.25	< 0.010	ACF	130	0
MT-07-64	10+50E	29+36S	275	-49.5	290.8	294.0	3.25	< 0.010	ACF	140	0
MT-07-66	10+51E	29+36S	275	-54.0	326.0	328.4	2.4	< 0.010		120	0
MT-07-68	10+52E	29+36S	282	-50.5	310.5	311.0	0.5	0.020	ACF	150	0.40

Note 0.25 m : intervals

The true width of the mineralized sections has not yet been determined.

### Other Exploration Work

In addition to the holes in the AM-15 zone extensions, 21 other exploration holes were drilled. Two of these, MT-07-55 and MT-07-59, lie about 2.5 km north of AM-15. The Matoush fault was intersected with low % U<sub>3</sub>O<sub>8</sub> counts per second (cps) recorded on the core. More drilling will be done in this area next winter.

Nine holes were drilled between sections 39+65S and 44+65S in order to test Mag and EM geophysical anomalies. Cps up to 1,400 and 1,750 were recorded on the core of holes MT-07-70 and 71.

Five short holes were drilled near surface in the AM-8 area, from section 32+61S to section 33+83S. The in-situ radiometry results indicated mineralization in all five holes, including 0.5 metre at 0.12% eU<sub>3</sub>O<sub>8</sub> in a 4.5-metre section grading 0.05% eU<sub>3</sub>O<sub>8</sub> in hole MT-07-75.

Furthermore, five holes were drilled on the Eclat property, up to 6.0 km south of AM-15, in order to pinpoint the position of the Matoush fault and test for the presence of uranium mineralization. The Matoush fault was intersected with low % U<sub>3</sub>O<sub>8</sub> cps recorded on the core. More drilling will be done in this area next winter.

Drilling continues around the clock, seven days a week using three drills. One drill has resumed drilling at depth, which was temporarily halted in June 2007. The drill results reported today will form part of an initial National Instrument 43-101-compliant resource calculation for the AM-15 zone. The estimate is being performed by Scott Wilson Roscoe Postle Associates Inc. of Toronto, and should be completed and released shortly.

Meanwhile, Golder Associates is working on the environmental impact study, and Lawrence A. Melis, P.Eng. of Process Engineering Services Ltd. is conducting metallurgical testing.

Strateco has the funds required to complete the scoping study, with over CAN \$28 million in working capital as at June 30, 2007. These funds are not exposed to asset-backed commercial paper.

#### *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. Mr. Jean-Pierre Lachance approved this press release.*

#### *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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