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News Release

**MANICOUAGAN MINERALS ANNOUNCES FINAL DRILL RESULTS FROM THE
DOROTHY-DOBIE LAKE PROPERTY**

**DRILLING IDENTIFIES POTENTIAL BULK TONNAGE GOLD EXPLORATION
TARGET AT THE DOBIE ZONE**

TORONTO, January 19, 2010 - Manicouagan Minerals Inc. (TSXV – MAM) is pleased to report final assay results from the recently completed diamond drill program on the Dorothy-Dobie Lake Property located in the Pickle Lake area, in northwest Ontario.

Manicouagan recently completed a sixteen hole (2,292 metre) diamond drilling program on the Dorothy-Dobie Lake Property. Seven holes (DOR-09-01 to 07) were drilled on the Dorothy Main Zone while nine holes (DOB-09-08 to 16) tested the Dobie Zone (*see MAM Press Release dated November 18, 2009*). Initial assays included **1.8 metres grading 5.15 gpt gold** (DOR-09-05) from the Dorothy Main Zone and **2.7 metres grading 5.65 gpt gold** (DOB-09-10) from the Dobie Zone (*see MAM press release dated January 6, 2010*). Tables setting out the significant assay results from the drill program as well as longitudinal sections for the Dorothy Main and Dobie Zones are attached and are also available for review at www.manicouaganminerals.com.

The 2009 drill program was successful in identifying a potential bulk tonnage gold exploration target at the Dobie Zone. Diamond drill holes DOB-10, 11, 13 and 14 encountered broad zones of gold mineralization. Hole DOB-09-10 assayed **20.0 metres grading 1.52 gpt gold including 2.7 metres grading 5.65 gpt gold**. Hole DOB-09-11 drilled 50 metres down dip of hole DOB-09-10, assayed **31.5 metres grading 1.39 gpt gold including 1.5 metres grading 6.48 gpt gold**. Approximately 100 metres to the northwest, hole DOB-09-13 returned **33.2 metres grading 1.04 gpt gold including 1.0 metre grading 6.27 gpt gold and 2.0 metres grading 4.34 gpt gold**. Hole DOB-09-14 intersected the mineralized zone 25 metres down dip of hole DOB-09-13 and returned **27.9 metres averaging 1.53 gpt gold including 2.0 metres grading 5.64 gpt gold**.

The Dobie Zone is characterized by a strong alteration (carbonate-silica) package hosted within mafic volcanics. The zone of gold bearing mineralization has now been traced by Manicouagan for approximately 180 metres along strike and to a depth of 100 metres. It remains open at depth and to the northwest.

The Dorothy-Dobie Lake Property consists of a contiguous block of 19 staked claims totalling 31.72 square kilometres. The property ties onto the western boundary of the historical Golden Patricia Mine property (which produced 0.50 million ounces at 19.9 gpt gold) and extends for approximately 12 kilometres to the northwest covering the projected strike extension of the favourable gold bearing structure – the Golden Patricia Mine Trend.

Manicouagan can earn up to a 70 percent interest in the Dorothy-Dobie Lake, Kasagiminnis and Pickle Lake East properties pursuant to an option agreement with Trillium North. (*See MAM Press Release dated April 16, 2009.*) Since April 2009, Manicouagan has developed a significant land position in the Pickle Lake area of over 132 square kilometres in a proven, but underexplored gold mining camp.

Manicouagan's President and CEO, Joseph Baylis stated, "*The positive results from this initial drill program and the identification of a potential bulk tonnage exploration target at the Dobie Zone demonstrate the strong potential of the Dorothy-Dobie Lake Property. We are currently developing plans for follow up drilling and exploration on the Dobie Zone and elsewhere on our significant land holdings in the Pickle Lake gold camp.*"

Consultations continue with the First Nations in the Pickle Lake Area (Mishkeegogamang, Slate Falls and Cat Lake) regarding Manicouagan's planned exploration activities.

Sample Preparation, Analyses and Security

The assay and sample information as well as geological descriptions are taken from drill logs as prepared by the project geologists for the drill program. All drill cores are NQ in size and assays are completed on split or sawed half-cores, with the second half of the core kept for future reference. The samples are put into rice bags which are sealed with security locks for shipping directly to Accurassay Laboratories, an accredited assay laboratory, in Thunder Bay, Ontario. The samples are analysed using standard fire assay procedures with an AA/ICP finish. Assay results greater than 1.00 gram per tonne are rerun using a gravimetric finish. In addition to the standard quality control of the laboratory, a series of blanks and standards are inserted in every shipment for quality control purposes.

Qualified Person

Exploration programs on Manicouagan's Pickle Lake Gold Projects are carried out under the supervision of Mr. Bruce W. Mackie, P. Geo., Mr. Mackie, a professional geologist, has reviewed and verified the technical content of the information contained in this release and qualifies under the definition of "Qualified Person" set out in National Instrument 43-101.

About Manicouagan

Manicouagan Minerals Inc. is a Canadian based exploration company focused on advancing its gold projects in the Pickle Lake Gold Belt, Ontario. Manicouagan also has a pipeline of commodity projects including the Brabant Lake Zinc deposit in Saskatchewan, and the HPM/Forgues Nickel/Copper/Cobalt project in Québec.

Additional information about Manicouagan and its exploration projects can be found at www.manicouaganminerals.com.

Une traduction française de ce communiqué de presse est disponible à www.manicouaganminerals.com.

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Forward Looking Statements

All statements other than statements of historical fact, included in this release, including, without limitation, statements regarding potential mineralization and reserves, exploration results, and future plans and objectives of the Company, are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company's expectations are exploration risks detailed herein and from time to time in the filings made by the Company with securities regulators.

Neither the TSX Venture Exchange nor its Regulation Services Provider accepts responsibility for the adequacy or accuracy of this release.

(see attached table and sketches)

Significant results from the 2009 drill program are given in the tables below.

Dorothy Main Zone Summary of Significant Intersections				
Hole	From (m)	To (m)	Length (m)	Au gpt
DOR-09-01*	59.5	62.5	3.0	2.88
DOR-09-02*	81.7	82.2	0.5	5.09
DOR-09-03	<i>no significant values</i>			
DOR-09-04*	<i>no significant values</i>			
DOR-09-05*	53.5	55.3	1.8	5.15
DOR-09-06*	74.0	75.0	1.0	7.49
DOR-09-07	64.0	65.0	1.0	3.12
and	87.0	87.7	0.7	4.06
Dobie Zone Summary of Significant Intersections				
Hole	From (m)	To (m)	Length (m)	Au gpt
DOB-09-08	49.5	49.8	0.3	3.14
DOB-09-09	<i>no significant results</i>			
DOB-09-10	88.0	108.0	20.0	1.52
incl.*	92.7	95.4	2.7	5.65
and	111.4	112.2	0.8	5.27
DOB-09-11	102.5	134.0	31.5	1.39
incl.	132.5	134.0	1.5	6.48
DOB-09-12*	35.0	45.4	10.4	1.86
Incl.*	38.8	40.0	1.2	4.92
and*	44.0	45.4	1.4	4.62
DOB-09-13	26.1	34.0	7.9	0.90
and**	49.0	82.2	33.2	1.04
incl.*	49.0	50.0	1.0	6.27
and*	62.6	64.6	2.0	4.34
DOB-09-14	63.0	90.9	27.9	1.53
Incl.	77.0	79.0	2.0	5.64
DOB-09-15	67.6	70.6	3.0	2.21
	74.0	77.0	3.0	1.89
DOB-09-16	101.0	109.5	8.5	2.00

Note: True widths are currently estimated at 60-85% of drilled widths

* Previously reported, January 6, 2010

** Updated from previous release, January 6, 2010



