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**News Release**

**MANICOUAGAN MINERALS COMPLETES INITIAL DRILLING  
AT DOROTHY-DOBIE LAKE GOLD PROPERTY - PICKLE LAKE, ONTARIO**

- **Provides Update on Status of Claims- Pickle Lake, Ontario**
- **Makes Option Payment on HPM/Forgues, Quebec**

**TORONTO, November 18, 2009 - Manicouagan Minerals Inc. (“MAM”) (TSXV – MAM)** is pleased to announce that it has completed the previously announced diamond drilling program on its Dorothy-Dobie Lake Property located in the Pickle Lake area of northwest Ontario (see *MAM Press Release dated October 21, 2009*). Sixteen holes were completed totalling 2,292 metres. 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.

The Dorothy-Dobie Lake Property consists of a contiguous block of 19 staked claims totalling 3,172 hectares. The property ties onto the western end of the historical Golden Patricia Mine property (which produced 0.45 million ounces at 19.9 grams per tonne 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. The Dorothy-Dobie Lake Property hosts six historical gold occurrences and deposits that are named from northwest to southeast: Cooper (or West) Zone, Dorothy Main Zone, Tonsil Lake, Spike Zone, North Dobie Zone and Dobie Zone. Previous operators have reported mineral resources, which predate NI 43-101 and should not be considered NI 43-101 compliant, for the Dobie Zone (301,000 tonnes @ 5.5 grams per tonne gold) and the West Zone (230,000 tonnes @ 6.2 grams per tonne gold). Except for the drilling Manicouagan has just completed, the Company has not undertaken any independent investigations of the dimensions, quantity or grade of this gold mineralization and, therefore this historical data should not be relied upon.

On the Dorothy Main Zone assessment records indicate that gold mineralization occurs within a zone of quartz-tourmaline veining within an altered and deformed diorite that has been traced by previous operators over a length of 700 metres and remains open at depth and along strike. All seven of the diamond drill holes (DOR-09-01 to 07) completed during the recent drilling program intersected zones of quartz tourmaline veining within the altered diorite.

At the Dobie Zone gold mineralization is reported to be associated with sulphide (pyrite) mineralization within an approximately 10 to 25 metre wide zone of silicification hosted within mafic volcanics. Unfortunately most of the historic drilling done on the Dobie Zone was not filed for assessment and is not publically available. All eight holes drilled by Manicouagan (DOB-09-08 to 16) encountered the favourable zone over a strike length of approximately 380 metres and to a depth of 150 metres.

The results from the drilling program are still being compiled. Final assay results are expected in early December.

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.*)

### ***Pickle Lake General – Additional Claims Staked***

Manicouagan has acquired by staking an additional seven non contiguous claim groups totalling 2,670 hectares in the Pickle Lake area. These claims were acquired as a result of the targeting studies completed on behalf of Manicouagan Minerals. A sketch showing the location of these claims is attached and is available at [www.manicouaganminerals.com](http://www.manicouaganminerals.com).

As previously announced (see *MAM Press Release dated September 24, 2009*), SRK Consulting (Canada) Inc. was retained to carry out a structural interpretation of the Pickle Lake Greenstone Belt. Geofine Exploration Consultants Ltd. was retained to provide geological input. The purpose of this work was to assist in the identification of new exploration targets.

Final reports were received early in the third quarter of 2009. SRK Consulting concluded that “the Pickle Lake Belt displays many geological characteristics similar to the Red Lake belt” and that “potential exists (within the Pickle Lake Belt) for shear zone hosted gold deposits including those in similar structural settings to the Red Lake camp”. SRK Consulting and Geofine Exploration Consultants collectively recommended 30 targets within the study area based on 1) proximity to major deformation zones, 2) areas of structural complexity and 3) stratigraphic age (Balmer Group equivalents).

Five of the targets recommended were on ground held by Manicouagan. The seven additional claims groups staked by Manicouagan cover eight of these additional targets. Manicouagan holds a 100 percent interest in these eight additional targets.

Other prospective targets are being considered for staking.

Consultations continue with the First Nations in the Pickle Lake Area

(Mishkeekokamang, Slate Falls and Cat Lake) regarding Manicouagan's planned exploration activities.

Exploration programs at the Company's Pickle Lake Gold projects are being 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 relating to Manicouagan's Pickle Lake Gold projects and qualifies under the definition of "Qualified Person" set out in National Instrument 43-101.

### **HPM/Forgues Nickel Property, Quebec – Option Payment Made**

Manicouagan has made the final \$25,000 option payment due to Pure Nickel Inc. required to earn a fifty percent interest in the claims optioned pursuant to the agreement entered into with Pure Nickel in 2007 (*see MAM Press Release dated November 6, 2007*).

During 2008, Manicouagan drilled 17 holes at HPM/Forgues for an aggregate of 3,388 metres. Results included 43.18 meters of 1.74% nickel, 0.90% copper and 904 ppm cobalt from hole HPM-08-03 and 9.54 meters in hole HPM-08-11 which assayed 1.12% nickel, 0.23% copper and 518 ppm cobalt at the Barre de Fer Prospect. (*See MAM Press Releases dated November 6, September 11, and August 6, 2008*).

The HPM/Forgues property is located some 160 kilometres east-southeast of the Mouchalagane Nickel/Copper/PGE property. It is situated in NTS map sheets 22 O/11 and 22 O/12 and lies just east of highway 389, which runs between Baie-Comeau and Fermont, Québec.

Exploration programs on the HPM/Forgues property are being carried out under the direct supervision of François Bissonnette, P. Geo., Senior Project Geologist for Manicouagan Minerals' projects in Québec. François Bissonnette, P. Geo., has reviewed and verified the technical content of this section on behalf of Manicouagan Minerals and is a "Qualified Person" as defined 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](http://www.manicouaganminerals.com).

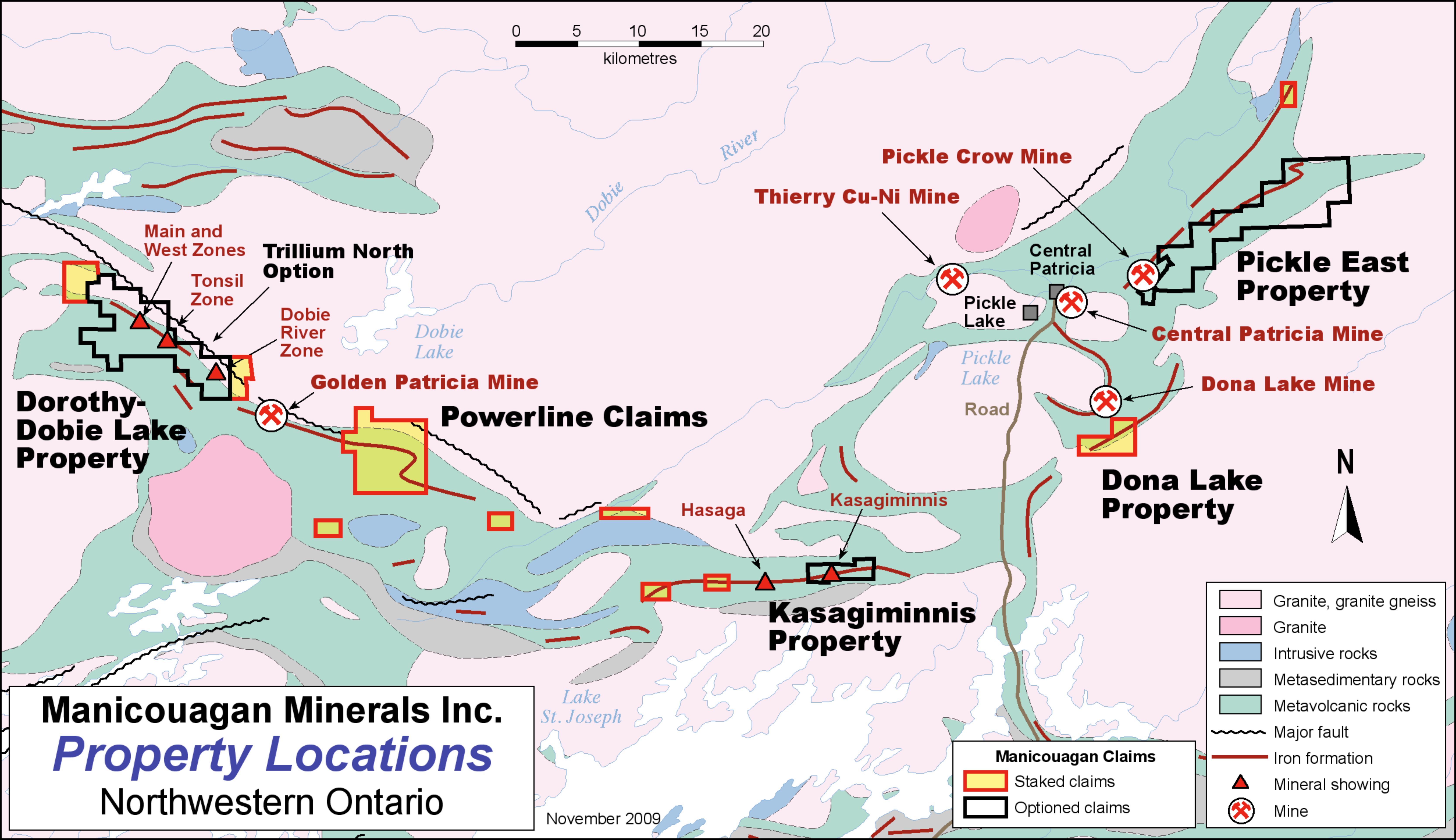
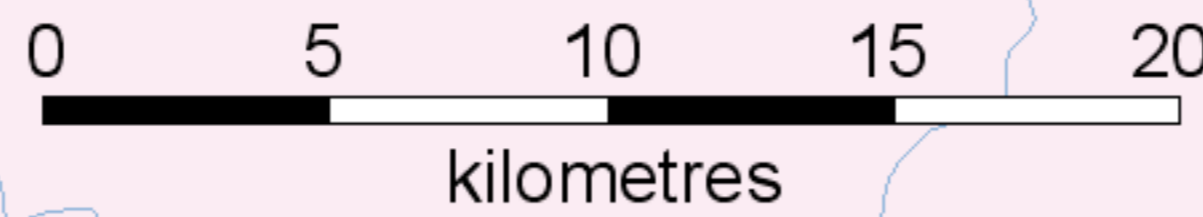
Une traduction française de ce communiqué de presse est disponible à [www.manicouaganminerals.com](http://www.manicouaganminerals.com).

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*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.*



**Main and West Zones**  
**Trillium North Option**  
**Tonsil Zone**  
**Dobie River Zone**

**Dorothy-Dobie Lake Property**

**Golden Patricia Mine**

**Powerline Claims**

**Pickle Crow Mine**  
**Thierry Cu-Ni Mine**

**Pickle Lake**  
**Pickle Lake Road**

**Central Patricia Mine**  
**Dona Lake Mine**

**Dona Lake Property**

**Hasaga**

**Kasagiminnis**

**Kasagiminnis Property**

**Lake St. Joseph**

**Manicouagan Minerals Inc.**  
**Property Locations**  
 Northwestern Ontario

November 2009

**Manicouagan Claims**

- Staked claims
- Optioned claims

- Granite, granite gneiss
- Granite
- Intrusive rocks
- Metasedimentary rocks
- Metavolcanic rocks
- Major fault
- Iron formation
- Mineral showing
- Mine

