

# **EXPLOR RESOURCES INC.**

15 Gamble East Street - Suite 204 - Rouyn-Noranda (Canada) J9X 3B6  
Listing (TSX = EXS)

---

## **EXPLOR COMPLETES 3D MODEL TIMMINS PORCUPINE WEST PROPERTY**

**Rouyn-Noranda, Canada, September 11, 2009**

**Explor Resources Inc.** is pleased to announce the completion of a 3D litho and mineralization model on the Timmins Porcupine West Property. The model has generated high quality drill targets with an interpreted significant gold mineralization inside the favourable rock package. The property is located in the famous Timmins-Porcupine mining camp within proximity to past and existing producers.

The Timmins Porcupine West Gold Property consists of 106 unpatented mining units located in the Bristol and Ogden Townships in the Timmins-Porcupine Mining Camp for a total 1,930 hectares. The property is contiguous with West Timmins Mining Inc. (WTM) where WTM intersected 83.40 meters (273.55 feet) grading 12.75 g/t (0.37 oz/t) on their property. (WTM Press Release June 24, 2009) The highway 101 bisects the property and provides access from the city of Timmins located 13 km to the east.

The property has been explored since 1927 by numerous ground geophysical surveys and diamond drilling of up to 111 holes. In 1984, Dome Exploration discovered and delineated a gold mineralized zone that is approximately 350 meters long and 45 meters wide and is open below 350 meters of vertical depth. The zone strikes east northeast and dips to the north at 70 to 80 degrees. The gold mineralization to date appears to be associated with a major porphyry unit.

The modelling confirms the association of gold mineralization with Quartz feldspar (QFP) and syenite porphyry, found at both the Lakeshore and West Timmins Properties. The modelling has revealed a geo-synclinal structure with a north and south limb with the majority of the drilling to date has been focused on the south limb of the geo-syncline in two mineralized zones. Five mineralized zones designated "A" thru "E" have been identified. The larger zones of mineralization display a strong spatial relationship with proximity to syenite intrusive rocks and high Fe-tholeitic volcanic rocks. The model may be viewed on our website: [www.explorresources.com](http://www.explorresources.com)

Our current interpretation is that the syenite porphyry intruded a dilatant zone developed at the intersection of the Porcupine-Destor and South Limb faults. These faults developed along high Fe-tholeitic metavolcano-sedimentary contacts that provided the necessary Fe to precipitate sulphide mineralization during hydrothermal activity. Along the south limb of the geo-syncline, the high Fe-tholeitic volcanic horizon is often present only as remnant xenolithic or fault mega-blocks due to disruption by the South Limb fault and intrusions of QFP and syenite porphyry. There is well demonstrated continuity of the high Fe-tholeitic volcanic horizon on the north limb however, to date only minor occurrences of syenite intrusive have been intersected on the north limb.

The structural environment is favourable for large bodies of syenite to have intruded further at depth. The intersections of the major faults and the contacts of the favourable high Fe-tholeitic volcanic host rocks especially near the synclinal fold hinge provide the best target areas.

The most significant deposits in Timmins are spatially associated with porphyry units that are in proximity to the Porcupine Destor Fault. The deposits appear to be also associated with splay faults that trend off to the North of the Porcupine Destor fault inside an interpreted splay fault corridor as shown on the attached plan.

The Timmins Porcupine West Project has as a Target Model “The Hollinger-McIntyre-Coniaurum System.” The Hollinger-McIntyre-Coniaurum (HMC) System has produced a total of over 30 million oz of gold is spatially associated with the Pearl Lake Porphyry. The high-grade gold bearing quartz veins which hosted the bulk of the gold at the HMC occurred in the adjacent mafic volcanics, located outboard from the porphyry itself.

Chris Dupont P.Eng is the qualified person responsible for the information contained in this release.

**Explor Resources Inc. is a public listed company trading on the TSX Venture (EXS).**

This press release was prepared by Explor Resources Inc. The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.

### **About Explor Resources Inc.**

Explor Resources Inc. is a Canadian-based natural resources company with mineral holdings in Ontario, Quebec, Saskatchewan and New Brunswick. Explor is currently focused on exploration in the Abitibi Greenstone Belt. The belt is found in both provinces of Ontario and Quebec with approximately 33% in Ontario and 67% in Quebec. The Belt has produced in excess of 180,000,000 ounces of gold and 450,000,000 tonnes of cu-zn ore over the last 100 years. The Company is headquartered in Quebec and was incorporated in Alberta in 1986.

*This document may contain forward-looking statements relating to Explor’s operations or to the environment in which it operates. Such statements are based on operations, estimates, forecasts and projections. They are not guarantees of future performance and involve risks and uncertainties that are difficult to predict and may be beyond Explor’s control. A number of important factors could cause actual outcomes and results to differ materially from those expressed in forward-looking statements, including those set forth in other public filling. In addition, such statements relate to the date on which they are made. Consequently, undue reliance should not be placed on such forward-looking statements. Explor disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, save and except as may be required by applicable securities laws.*

**For further information please contact:**

**Christian Dupont, President**  
**Tel: 800-388-8668 or 819-797-4630**  
**Fax: 819-797-6050**

**Investor Relations: Michael D’Amico**  
**Bay Street Connect Inc.**  
**Tel: 1-647-500-6023**

**Website: [www.explorresources.com](http://www.explorresources.com)**