

EXPLOR RESOURCES INC.

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Listing (TSX = EXS)

EXPLOR'S TIMMINS PORCUPINE WEST **DIAMOND DRILL PROGRAM UPDATE**

Rouyn-Noranda, Canada, April 21, 2010

Explor Resources Inc. is pleased to announce the results of the three remaining drill holes (#7 to 9) from the 10,000 drilling program on the Timmins Porcupine West Property (TPW). The program was designed to confirm the model announced in the September 11, 2009 press release. The first phase of drilling was concentrated on mineralized Zone "A" located on the south limb of the geo-syncline. Mineralized Zone "A" is one of five (5) mineralized zones identified on the property. A series of 4 holes drilled perpendicular to the structure and spaced at approximately 300 meter spacing was drilled to intersect and confirm the existence of the mineralized structure at or below 400 meters of vertical depth. A summary of the results is as follows:

Diamond Drill Hole #8 was drilled 300 meters to the west of Hole #1 to test the westerly extension of the structure. This has added another 300 meters to the strike length of the mineralization. To date the mineralized structure has been confirmed for over 1200 meters of strike length at a vertical depth from 400 to 600 meters. It is currently open to the west and to the east and open at depth.

Diamond Drill Hole #7 was drilled on a line approximately 250 meters to the North of and parallel to the line reported in the press release dated March 04, 2010. Hole #7 is 250 meters to the North and directly behind Hole #3 and was designed to test the if the mineralization and the structure extends to depth. This was confirmed and the number of mineralized veins and zones increased from 4 in Hole #3 to 10 in Hole #7. The width of the largest mineralized zone found in Hole #3 was 22 meters in width. The same mineralized zone in Hole #7 was found to be 63 meters in width.

Diamond Drill Hole #9 was designed to test the "B" Zone at a shallow depth and approximately 400 meters to the west of Hole #8. This hole intersected 4 mineralized zones. One of the mineralized zones intersected was 5.5 meters in width with a vein in the zone with a grade of 14.23 grams/tonne over 0.5 meters.

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 Lakeshore Gold West Timmins Mine. 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 "A" Zone identified through modelling strikes east northeast and dips to the north at 70 to 80 degrees. The drilling has confirms the association of gold mineralization with Quartz feldspar (QFP) and syenite porphyry, found at both the Lakeshore and West Timmins Properties. 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.

Hole #	From	To	Interval		Gold	
	(m)	(m)	(m)	(ft)	(g/tonne)	(oz/ton)
Hole # 7	453.0	454.0	1.0	3.28	1.161	0.041
	845.9	846.9	1.0	3.28	2.569	0.091
	917.4	918.4	1.0	3.28	1.089	0.038
	1009.05	1009.6	0.55	1.80	2.817	0.099
	1012.2	1013.0	0.8	2.62	1.093	0.039
	1264.0	1265.0	1.0	3.28	1.227	0.043
	1530.4	1531.0	0.60	1.97	1.773	0.063
	1531.0	1532.2	1.2	3.93	1.368	0.048
	1536.2	1537.5	1.3	4.27	1.426	0.050
	1587.5	1589.0	1.5	4.92	3.63	0.128
Hole #8	295.2	296.7	1.50	4.92	1.509	0.053
	580.5	581.2	0.70	2.30	2.562	0.090
	614.7	615.9	1.20	3.93	1.751	0.062
	645.0	646.5	1.50	4.92	1.169	0.041
	648.0	649.5	1.50	4.92	1.407	0.050
	665.2	666.0	0.80	2.62	5.973	0.211
	673.2	674.15	0.95	3.12	2.644	0.093
	765.0	766.5	1.50	4.92	1.343	0.047
	974.5	975.0	0.50	1.64	1.467	0.052
Hole #9	207.3	208.4	1.10	3.61	1.578	0.056
	267.8	268.3	0.50	1.64	14.23	0.502
	409.2	409.9	0.70	2.30	1.296	0.046
	495.5	496.0	0.50	1.64	3.534	0.125

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-tholeiitic 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-tholeiitic 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.

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-tholeiitic volcanic host rocks especially near the synclinal fold hinge provide the best target areas.

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 publicly listed company trading on the TSX Venture (EXS).

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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.

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