

# EXPLOR RESOURCES INC.

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Listing (TSX = EXS)

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

Rouyn-Noranda, Canada, March 04, 2010

Explor Resources Inc. is pleased to announce the completion of a 10,000 meter 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 zone identified on the property. A series of 4 holes drilled perpendicular to the structure and spaced a approximately 300 meter spacing was drilled to intersect and confirm the existence of the mineralized structure at or below 400 meters of vertical depth. To date the mineralized structure has been confirmed for over 900 meters of strike length at a vertical depth of from 400 to 600 meters. It is currently open on strike and open at depth.

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](http://www.explorresources.com).

<u>Hole #</u>	<u>From</u> (m)	<u>To</u> (m)	<u>Interval</u>		<u>Gold</u>		
			(m)	(ft)	(g/tonne)	(oz/ton)	
Hole # 1	542.0	543.5	1.5	4.92	1.29	0.036	
	560.5	561.0	0.5	1.64	1.01	0.031	
	613.5	614.0	0.5	1.64	2.49	0.072	
	689.0	689.9	0.9	2.96	1.19	0.035	
	704.5	705.5	1.0	3.28	2.19	0.064	
	705.5	706.5	1.0	3.28	1.47	0.044	
	788.0	789.5	1.5	4.92	1.34	0.039	
	803.0	804.1	1.1	3.61	1.02	0.029	
	Hole #2	371.0	371.7	0.7	2.30	2.52	0.073
		589.95	591.45	1.5	4.92	1.12	0.032
618.0		618.6	0.6	1.97	3.89	0.111	
675.15		676.75	1.6	5.25	1.09	0.032	
692.0		693.50	1.5	4.92	1.33	0.038	
697.0		698.0	1.0	3.28	1.35	0.039	
731.0		732.5	1.5	4.92	1.39	0.041	
762.5		764.0	1.5	4.92	4.57	0.131	

<b>Hole #</b>	<b>From</b>	<b>To</b>	<b>Interval</b>		<b>Gold</b>	
	(m)	(m)	(m)	(ft)	(g/tonne)	(oz/ton)
<b>Hole #3</b>	764.0	765.5	1.5	4.92	1.93	0.055
	798.5	799.0	0.5	1.64	1.25	0.036
	425.0	426.0	1.0	3.28	2.13	0.062
	588.5	589.7	1.2	3.61	1.08	0.031
	666.5	668.0	1.5	4.92	3.82	0.111
<b>Hole #4</b>	761.0	762.6	1.6	5.25	2.65	0.077
	110.0	111.5	1.5	4.92	2.36	0.068
	227.0	228.5	1.5	4.92	1.38	0.041
	372.5	374.0	1.5	4.92	1.29	0.038
<b>Hole #5</b>	564.15	564.85	0.7	1.61	6.10	0.178
	695.2	696.0	0.8	2.62	1.54	0.045
	845.0	845.9	0.9	2.95	3.98	0.114
	940.1	941.0	0.9	2.95	1.32	0.039
	982.8	983.6	0.8	2.62	1.17	0.034
	989.0	990.5	1.5	4.92	1.16	0.033
	1026.5	1028.0	1.5	4.92	1.16	0.033
<b>Hole #6</b>	1186.2	1186.7	0.5	1.64	1.30	0.038
	470.0	470.5	0.5	1.64	1.64	0.048
	483.4	484.1	0.7	2.30	1.01	0.029
	594.5	596.0	1.5	4.92	2.06	0.058
	710.0	711.5	1.5	4.92	2.52	0.073
	742.5	743.0	0.5	1.64	21.39*	0.620
	763.5	764.0	0.5	1.64	4.59	0.134
	780.3	780.6	0.5	1.64	4.11	0.120
	782.0	783.5	1.5	4.92	13.37*	0.391
	784.9	786.2	1.3	4.26	2.98	0.088
	1110.25	1110.9	0.65	2.13	1.99	0.058
1113.5	1114.0	0.5	1.64	1.37	0.040	

\*VG has been observed in these intersections.

Assays are pending on Holes # 7, 8, and 9. Hole #7 was drilled approximately 300 meters behind Hole #3 to test the depth extension and grade of the structure intersected by Holes, #1, #2, #3 and #4. Hole #7 has been drilled to 1700 meters in length to intersect the structure at a vertical depth of approximately 800 to 1000 meters. The mineralization found in Hole #7 will be available for viewing at the PDAC. We do not expect to have the results for the last 3 holes before the PDAC.

Due to the strike length and thickness of the mineralized zone that was intersected and the positive results Explor plans on commencing Phase II of the exploration program on TPW. This program will consist of 20,000 meters of diamond drilling and is expected to commence before the end of the month.

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 invites its investors to visit our booth #2122 at the Investor Exchange of the PDAC 2010 located in the south building of the Metro Toronto Convention Center from March 07 to March 10, 2010.**

**Explor Resources Inc. is a public 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.

*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.*

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