



EXPLOR
Resources inc.

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Listing (TSX-V = EXS) (OTCQX= EXSFF) (FSE = E1H)

EXPLOR INTERSECTS 7.65 G/TONNE AU OVER 33.2 METERS **ON** **TIMMINS PORCUPINE WEST**

Rouyn-Noranda, Canada, August 21, 2012

Explor Resources Inc. (TSX-V: EXS, OTCQX: EXSFF, FSE: E1H) is pleased to announce the results of 11 drill holes being the next series of holes on the diamond drilling program. Holes #12-71, 12-72W2, 12-72W3, 12-72W4, 12-73W5, 12-73, 12-73W1, 12-73W2, 12-73W3, 12-73W5, and 12-73W7 are reported in this press release.

Chris Dupont, President and Chief Executive Officer of Explor Resources Inc. commented: *"We continue to be extremely pleased and encouraged by these excellent drill results. The **continuity** of the mineralization from hole to hole as well as the grade encountered to date with the increasing width as we go to depth are very significant in terms of establishing a potentially large mineable gold resource."*

The "A" Zone identified through modelling strikes east northeast and dips to the north at 70 to 80 degrees. The drilling 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 **3D Geological Model** may be viewed on our website: www.explorresources.com.

It is important to note that the strike length of the gold mineralization is greater than 2000 meters. The structure is still open on strike and at depth. The first phase of drilling was concentrated on mineralized Zone "A" located on the south limb of the geo-syncline. The program will continue to test the discovery zone along strike and at depth. The Company is encouraged by that the fact that on the "A" Zone, 94 out of 95 holes and all the wedges drilled from the main holes have intersected gold mineralization and that the grades encountered would in theory, support a profitable future underground mining operation at current gold prices.

All the Diamond Drill Hole reported in this press release were designed to test the continuity of the mineralization as we proceed out from the discovery Hole #10-30 (previously reported in press release dated November 23, 2010) and were designed to determine the depth continuity of the high grade mineralization encountered in Hole #10-30. The continuity of mineralization continues to be confirmed, and the structure remains open on strike and at depth.

Explor is focused on developing a mineable resource based on the drill results that have been obtained to date. The NI 43-101 technical report has been completed by MRB Associates of Val-d'Or, Quebec and P & E Mining Consultants of Brampton, Ontario (Press Release dated December 05, 2011).

<u>Hole #</u>	<u>From</u> (m)	<u>To</u> (m)	<u>Interval</u>		<u>Gold</u>	
			(m)	(ft)	(g/tonne)	(oz/ton)
Hole #71	529.0	534.0	5.00	16.41	1.639	0.048
	547.5	549.5	2.00	6.56	2.096	0.061
	601.0	603.0	2.00	6.56	1.287	0.038
	604.5	605.5	1.00	3.28	1.123	0.033
Hole #72W2	644.5	645.5	1.00	3.28	1.657	0.048
	783.0	784.5	1.50	4.92	3.333	0.097
	790.5	792.0	1.50	4.92	1.170	0.034
Hole #72W3	772.5	774.3	1.80	5.91	1.637	0.048
Hole #72W4	910.6	912.0	1.40	4.59	5.420	0.158
Hole #72W5	637.5	638.5	1.00	3.28	3.544	0.103
	727.5	729.0	1.50	4.92	4.180	0.122
	737.5	738.5	1.00	3.28	2.446	0.071
Hole #73	828.0	832.5	4.50	14.76	4.727	0.138
	859.5	869.3	9.80	32.15	3.495	0.102
	873.0	874.5	1.50	4.92	1.395	0.041
Hole #73W1	853.5	859.5	6.00	19.68	3.819	0.111
Hole #73W2	856.5	858.0	1.50	4.92	1.882	0.055
	865.5	867.0	1.50	4.92	1.631	0.048
Hole #73W3	850.5	852.0	1.50	4.92	1.771	0.052
	855.0	856.5	1.50	4.92	1.273	0.037
	863.0	864.0	1.00	3.28	3.520	0.103
Hole #73W5	841.3	874.5	33.20	108.93	7.647	0.223
Hole #73W7	869.5	873.0	3.50	11.48	5.026	0.147

Explor continues to drill 24/7 on the Timmins Porcupine West Property. Assays are pending.

The **NI 43-101 technical report is available on SEDAR** and on the Company Website. The results of Explor's drilling have been incorporated into the **Timmins Porcupine West Exploration Video** which is available for viewing on the website. The Timmins Porcupine West Project has as a Target Model "The Hollinger-McIntyre-Coniaurum System." To date, Explor's drill program has confirmed the idealised Hollinger-McIntyre-Coniaurum (HMC) isometric model. The HMC system has produced a total of over 30 million oz of gold and is spatially associated with the Pearl Lake Porphyry.

The Timmins Porcupine West Gold Property consists of 185 unpatented mining units and 3 patented claims located in the Bristol and Ogden Townships in the Timmins-Porcupine Mining Camp for a total 3,200 hectares. The property is contiguous with Lakeshore Gold West Timmins Mine. 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 was approximately 350 meters long and 45 meters wide and is open below 350 meters of vertical depth. The drill program on the Timmins Porcupine West Property is ongoing.

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), on the OTCQX (EXSFF) and on the Frankfurt and Berlin Stock Exchanges (E1H).

This press release was prepared by Explor Resources Inc. Neither the TSX Venture Exchange Inc nor its Regulation Services Provider (as that term is defined in the Policies of the TSX Venture Exchange) has reviewed or accepts 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 was continued under the laws of Alberta in 1986 and has had its main office in Quebec since 2006.

Explor Resources Flagship project is the Timmins Porcupine West (TPW) Project located in the Porcupine mining camp, in the Province of Ontario. The TPW mineral resource includes: **indicated: 212,800 ounces of gold** (1,371,000 tonnes at 4.83 g/t Au) and **inferred: 814,800 ounces of gold** (7,122,000 tonnes at 3.56 g/t Au (Press Release dated June 06, 2012).

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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