

## ROF Intersects 437.6m of 0.28%Ni at Kingsmill, Project 81

**Toronto, Ontario – February 21, 2012** Ring of Fire Resources Inc. (the "Company" or "ROF") (TSX-V: ROF, FRANKFURT: RG5, OTC.PK: HWKPF) is pleased to announce preliminary assay results from the first drillhole (KML 12-01) drilled on the Kingsmill Nickel Anomaly, Project 81, Timmins Area, Northern Ontario, Canada. Drill Hole KML 12-01 was collared at an Azimuth of 30<sup>0</sup> and a dip of -45<sup>0</sup> for a total length of 584.0m that intersected Serpentinized Peridotite from 111.0m to 548.6m. Overburden thickness varied from 14.0m to 60.0m downhole and the entire section of the Serpentinized Peridotite was mineralized and had an overall grade of 0.28% Ni over 437.6m, with enriched sections (see table).

**Table1: KML 12-01**

Assay	Core length	From	To
<b>0.28% Ni</b>	<b>437.6m</b>	<b>111.0m</b>	<b>548.6m</b>
including:			
<b>0.30% Ni</b>	<b>24.0m</b>	<b>197.0m</b>	<b>221.0m</b>
<b>0.30% Ni</b>	<b>24.0m</b>	<b>233.0m</b>	<b>257.0m</b>
<b>0.31% Ni</b>	<b>25.0m</b>	<b>317.0m</b>	<b>342.0m</b>
<b>0.31% Ni</b>	<b>101.0m</b>	<b>346.0m</b>	<b>447.0m</b>
Including			
<b>0.33% Ni</b>	<b>30.0m</b>	<b>416.0m</b>	<b>446.0m</b>

(\*Note: all measurements are down-hole core lengths, true width has not yet been calculated)

Drill Hole KML 12-01 was drilled within a large magnetic anomaly (see release of Feb 6, 2012 & Fig. 2) to confirm geology and mineralization from previously released historical drilling results. The company can confirm that the geology and mineralization has been duplicated in KML 12-01. Preliminary interpretation from this phase of drilling indicates that the western end of the mineralized Nickel body is approximately 400m wide and at least 400m deep and is steeply dipping to the south (see Fig.1).

Another three (3) drill holes have been drilled to test the western part of this anomaly and assays results are pending. A total of seven (7) holes have been planned to test this anomaly in 2 section lines over approximately 2.0 km strike length. The results will be released when the assays are received.

Nickel results released are preliminary Aqua Regia-ICP (1E3-ICP) analysis done by Activation Laboratories Inc. (Actlabs). Samples are prepared at Actlabs in Timmins (ISO 9001 accredited) and shipped to Thunder Bay or Ancaster (ISO 17025 accredited) for specific analysis. The company has also requested a 4-acid total digestion TD-ICP (1F2-ICP) analysis on all samples submitted, and a Code 8-AR wet chemistry assay quality analysis for Nickel on all samples greater than 0.25% Ni.

Vance White President and CEO comments " *We are very pleased with these results as they confirm the earlier historic results drilled by Canico (an exploration subsidiary of Inco) and with the continued drilling we believe there is an opportunity to outline a very large mineralized Nickel zone that may prove to have significant economic potential.*"

### About Project 81

Project 81 is a 70,090 hectare patented land package divided into 2 blocks. The patents include surface, mineral and timber rights, and host a significant timber resource plus a number of zones that have historical exploration identifying nickel and gold mineralization (these sample results are historical and non 43-101 compliant) from work carried out in the 1960's and 1970's some of which have been previously announced.

## About Ring of Fire Resources Inc.

Ring of Fire Resources Inc. is a Canadian based junior exploration company holding in excess of 70,000 hectares of property in the Timmins, Iroquois Falls and Smooth Rock Falls areas of Northern Ontario, upon which it plans to develop and implement an exploration program for the balance of 2011 and 2012. It also holds a portfolio of diversified exploration projects at various stages of exploration and drilling for Vanadium/Nickel/Copper/Chromium/PGM in the 'Ring of Fire' McFauld's Lake Area of Northern Ontario, Gold in the Wawa area of Northern Ontario, and Uranium in Northern Saskatchewan.

Michael Newbury, P. Eng (ON), a "qualified person" as such term is defined by National Instrument 43-101 and a Director of ROF has verified the data disclosed in this news release, and has otherwise reviewed and approved the technical information in this news release on behalf of ROF. On site core logging and sampling is being executed by Howard Lahti Phd, P.Geo (NB), under the supervision of Randy Singh P.Geo (ON), P.Eng (ON) -Exploration Manager.

More detailed information is available on the website at [www.ringoffireresources.com](http://www.ringoffireresources.com)

### Cautionary Statement:

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release. No stock exchange, securities commission or other regulatory authority has approved or disapproved the information contained herein.

The foregoing information may contain forward-looking statements relating to the future performance of Ring of Fire Resources Inc. Forward-looking statements, specifically those concerning future performance, are subject to certain risks and uncertainties, and actual results may differ materially from the Company's plans and expectations. These plans, expectations, risks and uncertainties are detailed herein and from time to time in the filings made by the Company with the TSX Venture Exchange and securities regulators. Ring of Fire Resources Inc. does not assume any obligation to update or revise its forward-looking statements, whether as a result of new information, future events or otherwise.



Fig.1-Preliminary Geological Interpretation

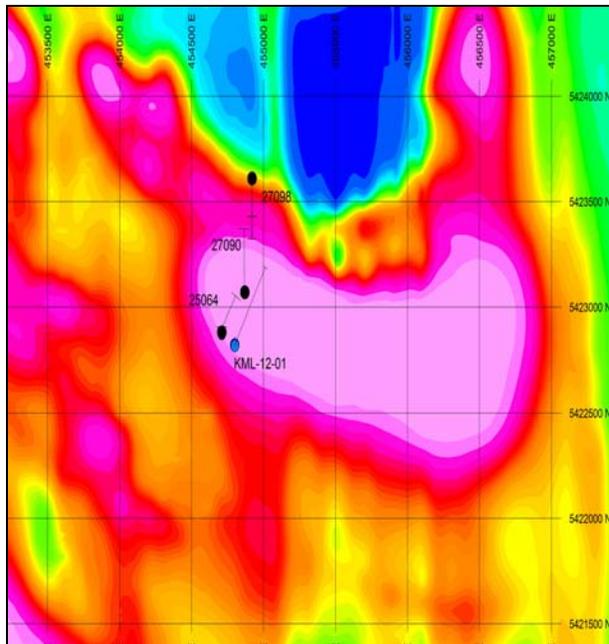


Fig. 2 Total Intensity Magnetic Anomaly - Kingsmill  
(● Inco Historic Drilling ● ROF Drilling)

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