



NOBLE MINERAL EXPLORATION INC.

TSX.V: NOB

FWB: NB7

OTC.PK: NLPXF

Noble Mineral Exploration Inc. Commences Diamond Drilling on the Lucas Gold Target

Toronto, Ontario – May 4, 2012, Noble Mineral Exploration Inc. (the "Company", "Noble" or "NOB") (TSX-V:NOB, FRANKFURT: NB7, OTC.PK:NLPXF) is pleased to announce the commencement of the diamond drilling campaign on the Lucas Gold Target, Project 81, Lucas Township, Timmins Area, Northern Ontario, Canada. The programme is designed to test over a 700m strike length of the mineralized structures outlined by a recently completed IP Survey and Airborne Differential Magnetic, VLF, TEM and Radiometric Surveys over the target area.

A program totalling six (6) NQ size diamond drill holes for approximately 3800m has been designed for this preliminary drill campaign in order to confirm results of earlier drilling dating back to 1960-1980's by Canico, McIntyre Porcupine Mines Ltd, and Abitibi Price Resources on the Lucas Township Gold Target. Historical non 43-101 compliant results have been previously released by the company in earlier releases dated Dec., 01, 2011 and Dec., 05, 2011. The drill program is also designed to follow Airborne Gradiometer Magnetic, VLF, Radiometric, and TEM surveys completed in late 2011, (NR Dec 5., 2011) and a 45km IP survey over a 1500m by 3000m grid at 100m line spacing in early 2012 (NR Jan., 12, 2012) completed by NOB earlier this year.

About Project 81:

Project 81, the Company's flagship project, is a 72,218 hectare (187,381 acres) patented and staked 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, which have been confirmed by recent assay results from the current, ongoing drill program.

Michael Newbury, P. Eng. (ON), a "qualified person" as such term is defined by National Instrument 43-101 and a Director of Noble 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 Noble. Core logging and sample regime protocol are being carried out by Geologist Howard Lahti, PhD., P.Geo. (NB), while all field activities are under the direct supervision of Randy Singh, P.Geo. (ON), P.Eng. (ON), VP- Exploration & Project Development.

About Noble Mineral Exploration Inc.:

Noble Mineral Exploration Inc. is a Canadian based junior exploration company holding in excess of 72,000 hectares (187,000 acres) 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 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.

More detailed information is available on the website at www.noblemineralexploration.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 Noble Mineral Exploration 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. Noble Mineral Exploration 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.

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