



# NOBLE MINERAL EXPLORATION INC.

TSX.V: NOB

FWB: NB7

OTC.PK: NLPXF

## **Noble Minerals Identifies Awaruite in the Kingsmill Nickel Deposit; Continues Drilling of Lucas Gold Target**

**Toronto, Ontario – May 30, 2012, Noble Mineral Exploration Inc.** (the "Company") (TSX-V:NOB, FRANKFURT:NB7, OTC.PK:NLPXF) is pleased to announce that it has identified **Awaruite** ( $\text{Ni}_3\text{Fe}$ ) – naturally occurring alloy of nickel and iron (75Ni/25Fe), **Hazlewoodite** ( $\text{Ni}_3\text{S}_2$ ) and **Cobaltian Pentlandite** ( $\text{Fe}_{19}\text{Ni}_{29}\text{Co}_4\text{S}_{48}$ ) in pulp samples from Project 81, Kingsmill Nickel Deposit. This Nickel Body has been exhibiting low sulphur content throughout the mineralized Serpentinized Peridotite ultramafic rock unit from the TD-ICP and AR-ICP analysis done to-date, results were previously released on February 21<sup>st</sup>, March 5<sup>th</sup> and 29<sup>th</sup> and April 12<sup>th</sup>, 2012. Twenty (20) representative samples from the eastern and western parts (along an identified strike length of 1800 m) of the Nickel body were analysed at the Actlabs Facility in Ancaster, Ontario using an MLA-SEM technique and Davis Tube Analysis.

Samples were prepared as polished sections of rock, riffle split, from pulps previously used in the ICP analysis, and Awaruite was identified as individual grains and intimately associated with Heazlewoodite and Magnetite. Davis Tube analysis also generated recoverable Magnetic and Non-Magnetic fractions, the quantity of which can be considered comparable to known Awaruite deposits under exploration elsewhere in the world. The limitations of using the pulps in this analysis are recognized and it was in no way intended to quantify the magnetically recoverable nickel alloy fraction. More detailed analysis using a coarser grind instead of pulverized samples is required to better understand the Awaruite distribution and characteristics in this nickel deposit.

**Dr. Gordon Bacon**, P.Eng. (BC, ON) has reviewed the results to date and, based on his extensive experience with Awaruite deposits throughout the world and more recently with the Cliffs Resources operated First Point Minerals, Decar Project in British Columbia, has been retained as the metallurgical consultant on this project in order to better understand the mineralogy and metallurgy of the Kingsmill Nickel Deposit. His initial review has indicated that additional metallurgical testing is required that the Company will undertake immediately. Dr. Bacon has also agreed to be the Qualified Person ("QP") under NI 43-101 for the Kingsmill Nickel Project.

Vance White, President and CEO of Noble, said "*We are pleased to welcome Dr. Bacon to the Noble team as we believe his global credibility and expertise will assist Noble in moving the Kingsmill Nickel Project forward.*" Project 81-Kingsmill Nickel Deposit is very close to road, rail and hydropower infrastructure and available Nickel grinding circuits in the Timmins area.

There remain a number of similar large strongly magnetic anomalies that are interpreted to be "faulted extensions" of the Kingsmill Nickel Body within Project 81, that require follow up exploration and drilling.

### **NOB Exploration Update:**

A 6-hole, 3000m NQ size diamond drill program is currently under way on the Lucas Gold Target. Five (5) holes have been completed totalling approximately 2,577m. A number of samples from all holes have been submitted for analysis and assay results are pending. Samples are being analysed at Activation Laboratories Ltd (Actlabs) in Timmins, an ISO 9001 accredited laboratory.

### **About Project 81:**

Project 81, the Company's flagship project, is a 72,410 hectare 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.

## **About Noble Mineral Exploration Inc.:**

Noble Mineral Exploration Inc. is a Canadian based junior exploration company holding in excess of 72,000 hectares of property in the Timmins, Iroquois Falls and Smooth Rock Falls areas of Northern Ontario. The Company also holds a portfolio of diversified exploration projects at various stages of exploration and drilling for Vanadium, Nickel, Copper, Chromium and 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 NOB 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 NOB. On site core logging and sampling was executed by Howard Lahti PhD, P.Geo (NB), under the supervision of Randy Singh P.Geo (ON), P.Eng (ON) VP Exploration & Project Development of NOB.

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

### **Contacts:**

Noble Mineral Exploration Inc.

H. Vance White, President  
Phone: 416-214-2250  
Fax: 416-367-1954  
eMail: [info@noblemineralexploration.com](mailto:info@noblemineralexploration.com)

Investor Relations  
Phone: 416-214-2250  
eMail: [ir@noblemineralexploration.com](mailto:ir@noblemineralexploration.com)