

# Innord to Separate Rare Earths from Hybrid and Electric Vehicle Recycling Pilot Study

- Pilot study for a major vehicle manufacturer
- Collaboration with University of Liege that produces concentrates from recovered magnets

**Montreal, November 26, 2018** – Geomega Resources Inc. (“**GéoMégA**” or the “**Corporation**”) (TSX.V: GMA) is pleased to announce that Innord Inc. (“**Innord**”), a private subsidiary controlled by GéoMégA, has entered into a collaboration agreement with University of Liege who is conducting work with Comet Traitements SA as part of a pilot study on hybrid and electric vehicle recycling on behalf of a major vehicle manufacturer. Within the scope of this collaboration, Innord will be conducting separation testing on rare earth element (“REE”) concentrates produced by University of Liege from magnets contained in hybrid and electric vehicles which are recovered through the pilot study. Participating in this study opens the door for a potential new supply source through recycling electric motors from the transportation industry in the future.

End of life magnet recycling is becoming a focus point for the permanent magnet industry. Electric vehicle manufacturers are no exception and are investing in recycling for the purpose of recovering value from magnets, lithium ion batteries, copper, aluminum and other recyclable products in these vehicles in order to comply with environmental regulations. In the European Union, 85% of every vehicle must be reused or recycled and 95% recovered since 2015 (EU Directive 2000/53/EC).

Neodymium magnets are an important component in making more powerful electric motors for vehicles and wind turbines. It is anticipated that more magnets will become available as these products are discarded and recycled in the future. Currently, recycling of steel and copper is very well established, but recycling of permanent magnets out of these new and more efficient motors is very limited. China has a ban on importing permanent magnet scraps and thus Innord’s ISR technology provides a clean and alternative solution for the growing supply of permanent magnet scraps.

“It is important to plan ahead, and we are glad that vehicle manufacturers are looking at ways of recycling permanent magnets. We see a significant increase in sales of electric vehicles and in installation of wind turbines world wide, two major consumers of permanent magnets. We already see supply becoming available from these applications and with only more becoming available every year. China is clearly ahead of the curve and has been recycling these scrap magnets for many years already by using their existing solvent extraction facilities. The ISR technology should fit in perfectly to help this growing problem of recycling permanent magnets outside of China.” commented Kiril Mugerman, President and CEO of GéoMégA and Innord.

## **About GéoMégA ([www.geomega.ca](http://www.geomega.ca))**

GéoMégA is a mineral exploration and evaluation company focused on the discovery and sustainable development of economic deposits of metals in Québec. GéoMégA is committed to meeting the Canadian mining industry standards and distinguishing itself with innovative engineering, stakeholders' engagement and dedication to local transformation benefits. GéoMégA holds over 17.8M shares and over 20% of Kintavar Exploration Inc. who is advancing the Mitchi stratiform copper project in Quebec.

## **About Innord Inc.**

Innord is a private subsidiary of GéoMégA of which GéoMégA owns 96.1%. The goal of Innord Inc. is to develop and optimize the proprietary separation process of rare earth elements based on electrophoresis, for which it holds all the rights. Electrophoresis is the migration of charged species (ions, proteins, particles) in solution in the presence of an electric field. Innord has filed patents in Canada and the United States to protect its novel separation process and is looking to file in other jurisdictions.

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