

Issued & Outstanding	104,937,706
Stock Options	10,048,750
Warrants	8,911,908
Fully-Diluted	123,898,364
Equity assets	16.8M shares of KTR.V

Compelling Outlook for Geomega's Sustainable REE Technologies Taking Hold with Global Investors

Geomega's Sustainable & Low-Cost Proprietary REE Recovery Process Now Ready for Scale-Up and Profit Delivery

- GMA has developed, owns and is now commercializing its proprietary and patented low-cost "ISR Technology" which is **environmentally friendly and recycles and recovers HHREE (High-priced and High demand Rare Earth Elements- Nd, Pr, Tb, & Dy) from permanent magnets industrial waste and end of life**, profitably and safely.
- GMA's process is organic solvent free vs. existing legacy solvent extraction methodologies (SX) which are highly toxic and harmful to the environment.
- Magnet-sourced REE (Nd, Pr, Tb & Dy) represent only 30% of the annual global demand for all REE (over 170k tpy) but over 80% of total recovered REE market value (US\$2 billion).
- GMA is **to process up to 600 tpy of magnet feedstock from USA Rare Earth LLC. who is developing the first permanent magnet factory in the US.**
- Seismic shifts in the global REE supply/demand outlook (huge shortages already evident), changes in the China/NA & EU supply chain dynamics, and global investor sentiment and attitude bias away from non-sustainable legacy resource extraction methodologies. This provides Geomega with a substantial and favorable entry point into the domestic and international REE supply framework.
- The company's pilot plant (in Quebec, Canada) is undergoing validation testing, EPCM engineering design & equipment selection for a pre-commercial demo up- sizing and then a full commercial scale-up. Expected to be completed in 4Q/20.
- GMA's management plans to have the demo plant construction completed in 1H/21. Demo plant will operate 8 hrs a day and process 1.5 tpd of magnet feed. Full scale plant will require minimal cash injection to increase to 24hrs operation and processing rate of 4.5 tpd. Full scale plant production target is 1.5 tpd of magnet REE.
- Geomega is also currently expanding and **leveraging its R&D expertise to evaluate the economic potential of extracting & refining REE and other critical metals** (cobalt, lithium, vanadium, nickel, niobium, titanium, tantalum and chromium) from a broader range of feedstocks such as e-waste, mine tailings and other industrial waste streams (ie; red mud, coal ash, etc.). Large, low-cost central processing facilities to recover valuable elements/metals from these feedstocks is under consideration for Quebec and other locations globally.
- The company is seeking to establish lucrative long-term technology, processing sales licensing and royalty agreements with domestic and international partners to lever off its low cost, "first-to-the-market green REE recovery technology" advantage.
- Geomega owns the **Montviel rare earth carbonite deposit in Quebec, largest 43-101 bastnaesite resource estimate in North America** and holds over 16.8 million shares (19%) **of Kintavar Exploration Inc (KTR-TSXV), a copper exploration company (www.kintavar.com)** in Quebec (current value of C\$1.68 million or \$0.02 per GMA common share).

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www.geomega.ca



Preparing to Become a Major Player in the “Green Economy” Revolution

Upcoming Transformative Milestones

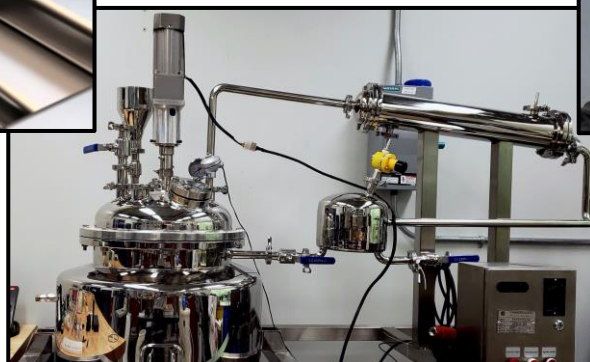
- Construction & scale-up of GMA's first commercial plant to begin in phases beginning during 1Q/21 and scheduled to be fully operational by the end of 2021.
- **\$3.05M debt facility secured (no interest, 5 yrs) with the provincial government.**
- In discussions for additional funding with Federal and provincial governments who are investing in innovative technologies and the manufacturing sector to help the economic restart due to COVID-19
- Demo-plant capital cost including w/c totaling C\$4.8 million.
- Balance of financing (up to \$1.8) to be obtained raised from grants and financing with investors by early 2021. The first phase demo plant to be profitable by 2H/21.
- Full testing, evaluation, and engineering design of multiple feedstock processing arrays is always ongoing. To provide future commercial plants the capability of capturing a wide range of profitable REE/metal recovery streams



NdFeB magnets feed



REE (Nd) product from recycling magnets



Geomega's Pilot unit

Investor Checklist

- Proven, proprietary green technology in REE recycling and recovery from used magnets providing low cost feedstock and high-margin recovery rates
- Provider of domestic and secure REE supply critical to the “Green Revolution” taking place globally in the industrial, commercial, and residential sectors
- **Will be ESG (Environmental & Social Governance) compliant as first demonstration plant starts up and throughout all of its operations and practices going forward**
- Sustainable, low-cost, profitable process with several high-margin feedstock possibilities
- Rapid and in-expensive scale-up and expansion capabilities
- First phase demo plant expected to be profitable in Year 1
- Several key momentum generating milestones in coming 3-6 months



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