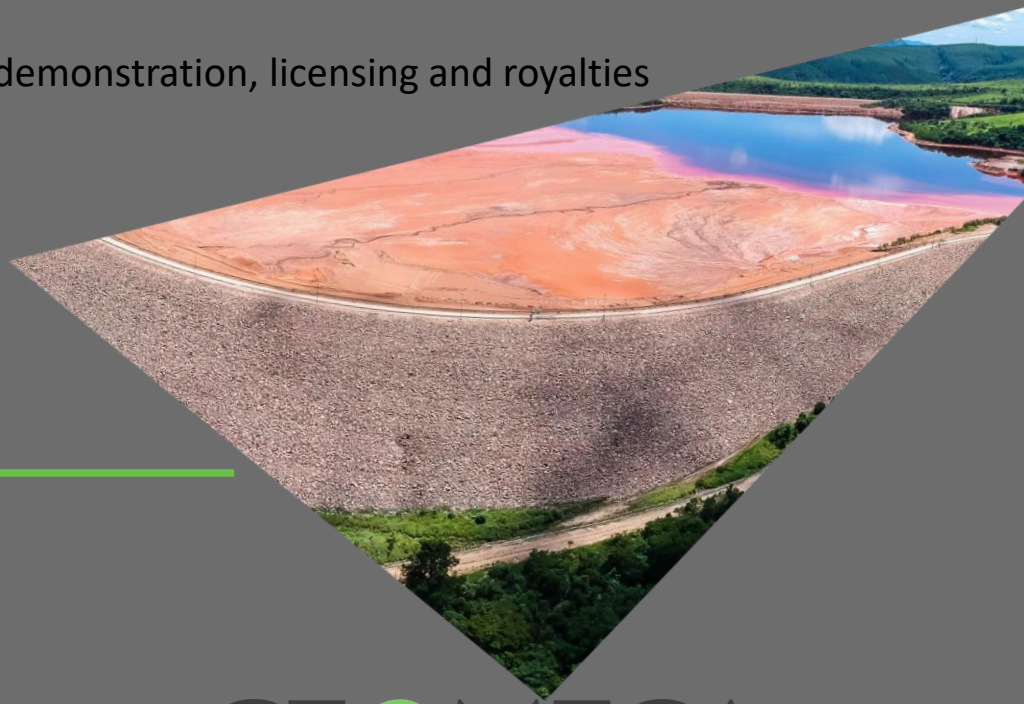
Recovering critical metals from industrial residues

Processing technologies advancing toward demonstration, licensing and royalties



Geomega Resources | TSX-V: GMA | OTC: GOMRF

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FORWARD-LOOKING STATEMENTS

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A licensing model built on three development pathways

Different applications. Different stages. One focus: monetize proprietary process know-how.

TOWARDS LARGE SCALE VALIDATION

Bauxite Residue

Rio Tinto demonstration license.
Broader feed testing for additional clients.

DEMONSTRATION PATHWAY

Magnet Recycling

Saint-Hubert plant approaching commissioning.
Operating validation is next.

EARLIER-STAGE OPPORTUNITY

Sulphide Tailings

Extending know-how into new feeds.
Validation and economics ongoing.

Development income today. Royalty potential tomorrow.

Revenues will vary based on scale of application, project specifics and final terms of commercial agreements.

01 / DEVELOPMENT

Testwork + Engineering

Technical services and partner-supported development.

02 / LICENSING

Technology Transfer

License fees linked to agreed scope and milestones.

03 / DEPLOYMENT

Production Royalties

Recurring income following commercial implementation.

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Bauxite Residue - recover value while addressing a persistent liability

1

THE LIABILITY – Alkalinity + Storage

Land, dust and water management. Long-term closure and monitoring exposure.

2

THE OPPORTUNITY – Multiple Products

Potential iron, aluminum, titanium, rare earths, scandium and gallium streams.

3

THE DECISION – Site Economics

Feed composition, utilities, product markets and avoided disposal costs.

One platform. Three deployment configurations.

Sequential circuits allow refinery-specific deployment and integration.

C1 / Foundation

Alkalinity removal

Na / Ca streams
Selected Al/Si recovery

C2 / Iron

Iron extraction

Added to C1
Iron-oxide product pathway

C3 / Added value

Critical minerals

Added to C1 + C2
Ti / REE / Sc and other streams

CLOSED-LOOP MAIN REAGENT REGENERATION OF 95%

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Broader feed testing. Validation of all 3 circuits.

12 Residue samples tested
8 Alumina refineries represented

All 3 circuits validated in bench and pilot scale. Preliminary economics evaluated through internal engineering studies.

Indicative targets based on C1+C2+C3 configuration giving <4.5 years payback period (feed, product and site dependent)

- **Na & Ca +95% recovery**
- **Al 50 to 75% recovery**
- **Si 40 to 100% recovery**
- **Fe +95% recovery as DR-grade iron oxide (>99% purity)**
- **REE & Sc +90% recovery as concentrate (>90% purity)**
- **Ti +95% recovery as TiO2 (>98% purity)**
- **Ga +70% recovery**

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Validated by a major partner

$4.5M

Total Potential Deal Value

Geomega delivered all its required engineering work. Next phase is pending approvals.

4 years of joint validation with Rio Tinto before signing

License covers Circuit 1 & 2 demonstration plant

$1.5M received to date

A feed-specific path from sample to plant

01

QUALIFY

Representative feed. Bench testwork.

02

ENGINEER

Site-specific TEA. Engineering package.

03

DEMONSTRATE

On-site scale-up. Product validation.

04

COMMERCIALIZE

Partner investment. License / royalties.

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Magnet recycling - Saint-Hubert plant

Designed throughput: 1.5 tonnes/day of magnet feed – 500kg/day of REO final product





FINAL INSTALLATION + INTEGRATION

Commissioning to start soon

Subject to remaining installation & pre-commissioning work.

Authorization to operate secured through December 31, 2028.

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Demonstrating the process. Building the commercial pathway.

Advancing feed sourcing, product qualification and licensing discussions alongside commissioning.

01

FEED SOURCING

Qualify magnet feed and secure supply terms.

02

PRODUCT CUSTOMERS

Demonstrate specifications and qualify oxide products.

03

TOLL PROCESSING

Assess service model and commercial terms.

04

LICENSING

Use operating evidence to support deployment discussions.

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Sulphide tailings – a complex feed with multiple value streams.

1

TARGET METALS – Primary metal recovery

Feed-dependent recovery of valuable constituents (Au, Cu, Ni, etc.)

2

IRON – DRI-grade iron oxide

Builds on core processing steps demonstrated in magnet recycling and bauxite residue projects.

3

SULPHUR – Additional product route

Potential acid or elemental sulphur streams.

Next gates: broader feed validation & preliminary economics directly with clients

Montviel: Strategic REE and Niobium Exposure in Québec.

A major resource with potential to benefit from Geomega's processing technologies.

The asset

REE + niobium

A potential application of Geomega's process know-how.

The work

Technical studies

Successfully demonstrated at bench scale; project economics to be assessed through a PEA.

The positioning

Longer-term upside

Strategic asset in mining-friendly Québec, positioned to benefit from growing interest in secure critical-mineral supply chains.

Road-accessible location with access to regional infrastructure. 82.4 Mt at 1.51% TREO indicated, plus 184.2 Mt at 1.43% TREO inferred. (NI43-101 Resource Estimate 2015)

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An integrated laboratory and piloting platform

Saint-Hubert capabilities support testing, engineering and scale-up across various programs.

INTEGRATED DEVELOPMENT

— Analytical work and feed characterization

— Bench development and circuit optimization

— Pilot testing and engineering support

— Demonstration-scale learning

KNOW-HOW + INFRASTRUCTURE

A repeatable development capability - not just a single flowsheet or facility.

Disciplined Capital Management. Limited Dilution.

C$2.49M
Working capital

C$6.33M
Total Equity

167,128,348 s/o
704,028 warrants
11,723,017 convertible debenture
9,456,750 options, DSU, RSU
189,012,143 fully diluted

Corporate Structure
~5% Management, Directors and employees
~6% Michael Gentile
40 to 50% HNWI & Family Offices



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Multiple pathways. Multiple milestones. One scalable licensing model.

Advancing a growing portfolio of technologies and client projects toward demonstration, commercialization and royalties.

MAGNET RECYCLING	BAUXITE RESIDUE	SULPHIDE TAILINGS

More technologies. More client opportunities. More paths to recurring revenue.

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