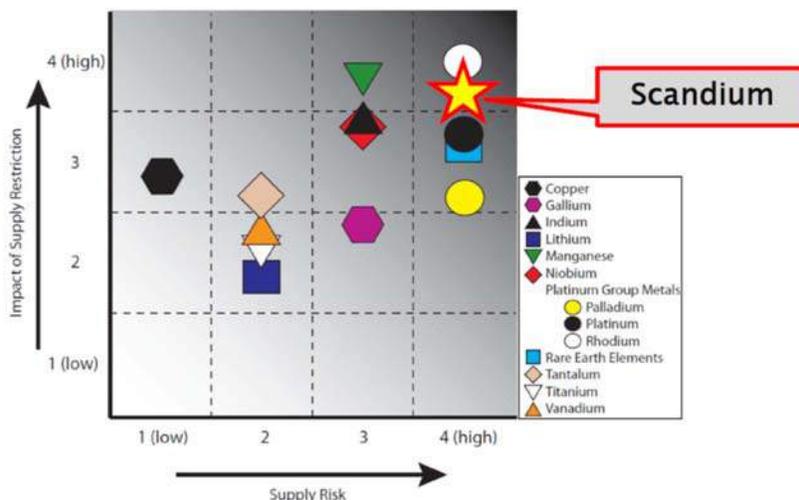


## Corporate Highlights & Objectives

- ⇒ **Strong Management and Advisory Team:** with a track record of identifying high-potential early stage projects for low-cost development to maximize investors returns.
- ⇒ **Immediate High-Impact Targets:** drill-ready scandium-niobium-tantalum deposit opportunities.
- ⇒ **Clean Tech is our Target:** scandium (Sc) will be important contributors to aerospace and automotive platform lightweighting and to green energy technologies (Fuel Cells).
- ⇒ **Scandium Market Disruptor through Lowest-Cost Production:** establishing market dominance by offering scandium below market pricing.
- ⇒ **A Project Aggregator:** able to spin-out advanced projects and realize important shareholder returns as they develop.
- ⇒ **Seek Strategic Partnerships:** in support of providing a sustainable and assured long-term source of scandium and niobium for commercial and defense needs.

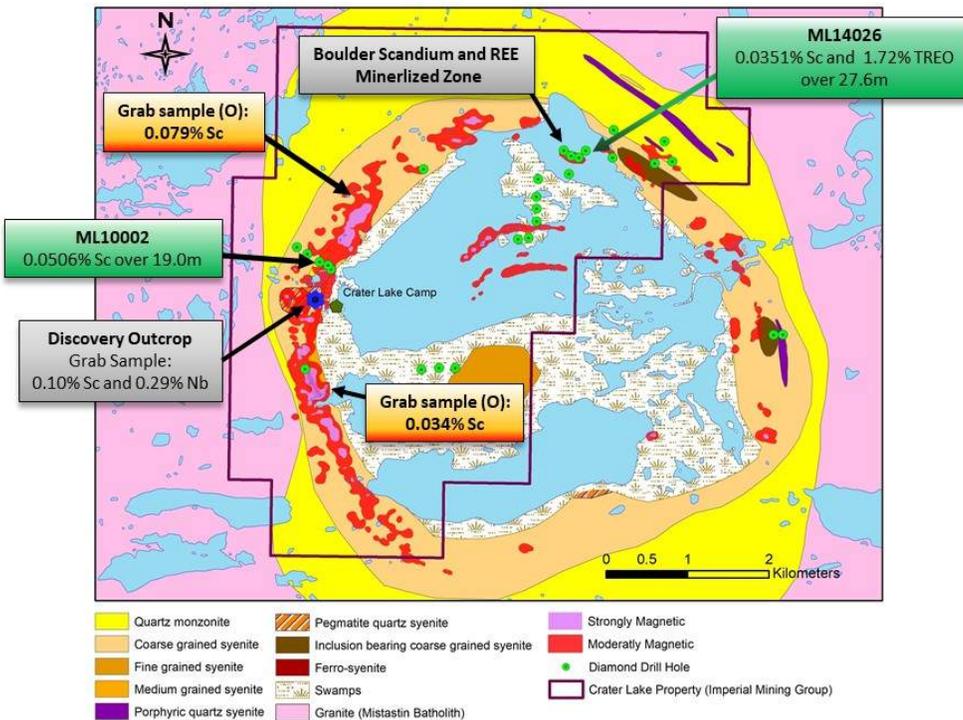
**“Technology metal use, namely for scandium, in next-generation lightweight aluminum alloys will replace conventional metals for the aerospace, automotive and defense industries. Their use is projected to increase substantially in the near future...Imperial wants to be the supply leader in this area.”**



Material Criticality Matrix— from Minerals, Critical Minerals and the U.S. Economy, 2008

### Of the 5 Critical Elements identified by the US

- The Trump Administration considers Scandium (Sc) as one of the most critical elements (2018).
- As an alloy with aluminum, it nears the tensile strength of steel.
- Sc is a grain refiner and strengthener of aluminum alloys.
- ScAl remains flexible at Mach 2 or greater ( MiG edge).



Crater Lake Compilation Map, Québec

## Crater Lake—A Primary Sc Source

Magnetometer surveys have identified a **6-km diameter**, concentric, high-intensity magnetic anomaly related to a layered alkali intrusive complex.

Mineralization is associated with a magnetite-iron olivine bearing syenite horizon at the northern and northwestern sectors of the complex.

Diamond drilling has defined the Boulder Zone scandium deposit, **grading 350 g/t Sc<sub>2</sub>O<sub>3</sub> over 250 m of strike length and 150 m down-dip**. Remains open in all directions.

Strong till and bedrock scandium and niobium anomalies grading **400 to 1,600 g/t Sc** and between **0.20 to 1.4% Nb**, respectively, have been identified. These new, high-grade targets have yet to be fully investigated.

Sc-bearing mineralization can be mined via open-pit and concentrated on-site by low-cost magnetic separation methods.

The commercial aerospace, green energy, automotive and defense industries will benefit substantially from the enhanced and secure supply availability of scandium for Scandium-Aluminum alloys from this project.

## Québec's Advantage

Rated in Top 5% of world's favourable mining jurisdictions by the Fraser Institute over the past 10 years.

Project is in James Bay-Northeastern Québec Agreement lands where the protocol for securing work and environmental permits is entrenched and transparent.

Property is located in Québec's "Plan Nord 2035" initiative area whereby **\$50 billion is earmarked for sustainable economic development of resource projects**.

Crater Lake to Schefferville access road will open up highly prospective land for additional mineral resource development in Québec, particularly for Direct Shipping (DSO) Iron ore deposits.

Proposed processing facility in Québec: a significant catalyst for Scandium Master Alloy production synergies with Québec's aluminum industry.

The majority of Canada's aluminum metal production capacity resides in Québec due to low commercial electricity rates (\$0.03 to \$0.05 per kWh).

Imperial will establish market dominance by offering low price, high-quality scandium than is currently available in the spot market (**\$US3,700/kg**).

# Scandium : What Sector will Benefit?

## Aerospace

Scandium-aluminum (ScAl) alloys offer strong, lightweight material.

As a welding product, would replace rivets = weight savings of 15-20% (Airbus, 2011).

In Additive Manufacturing (“AM” or 3D printing) ScAl use can save as much as \$3 million per aircraft (Boeing, 2018).

## Automotive

Offers next-gen lightweighting product for superstructure/sheeting.

AM viewed by German manufacturers as eliminating need for parts inventory and logistics management.

Sc imparts corrosion resistance.

Electric vehicle lightweighting will extend range, overcoming “Range Anxiety”.

## Defense

ScAl has equivalent ballistic protection to steel armour but at 1/3 the weight.

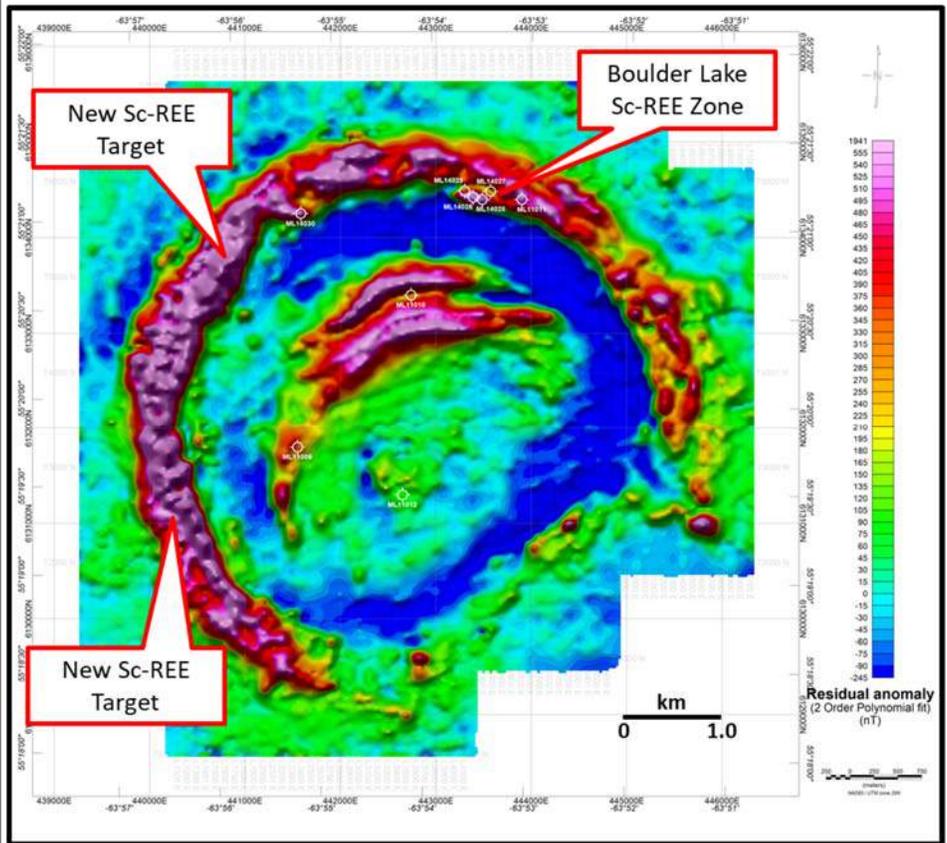
Remains flexible at airspeeds in excess of Mach 2 versus conventional titanium aluminum alloys (brittle).

## Alternative Energy

Sc-stabilized zirconium ceramic electrolyte in Solid Oxide Fuel Cells (SOFC) lowers internal operating temperatures, extends cell life.



Imperial Mining Project Location Map, Québec, Canada



Crater Lake: Significant Scandium Resource Potential

# Imperial Investment Advantages

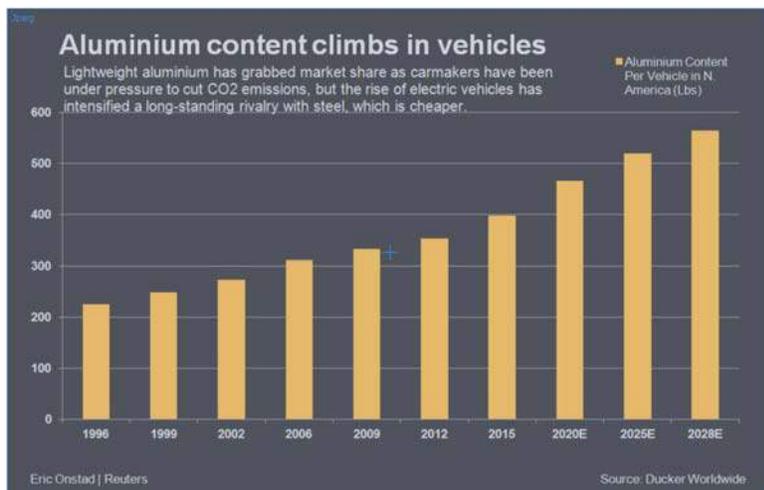
**STRONG MANAGEMENT AND BOARD TEAM** with a track record of exploration and development success in multiple commodities.

All properties have **HIGH POTENTIAL, DRILL-READY TARGETS FOR DEPOSIT DISCOVERY** for technology metals.

Working in one of the world's most recognized **MINING-FRIENDLY JURISDICTIONS (Québec)**.

**HIGHER-GRADE DEPOSIT OPPORTUNITIES** have been identified for future activities.

Imperial presents an opportunity to **INVEST IN A PROJECT AGGREGATOR**, able to spin out projects and realize important returns to investors.



- Aluminum wrestles with steel over electric vehicle market: Who will win the battle? *It's a matter of "Price over Performance"*.
- Although titanium versus scandium in aluminum is less costly (\$30 vs. \$1,140 per pound), far more titanium (65%-88%) is required than scandium (0.2%-0.4%) to achieve equivalent mechanical strength. Works out to be cost equivalent, like for like.

## CAPITAL STRUCTURE

Symbol (TSX-V): "IPG"

## SHARE STRUCTURE

Issued: 33.7 M

Fully-diluted: 46.8 M

Market CAP: \$5.4 M

## SHAREHOLDING

30% insiders

15% Institutions

55% Retail

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