



# Lithium – The Fuel of the Battery Revolution

6. Precious Metals Summit Switzerland, Zurich, 7. & 8. November 2017



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**The world is evolving from fossil fuels to renewable (green) energy to power our lives.  
Batteries are enabling us to store this energy !**

## Background – One Model S needs as much Lithium as 20.000 Smartphones



# The Success of E-Mobility cannot be stopped any more

## Electric Vehicle Targets of Governments

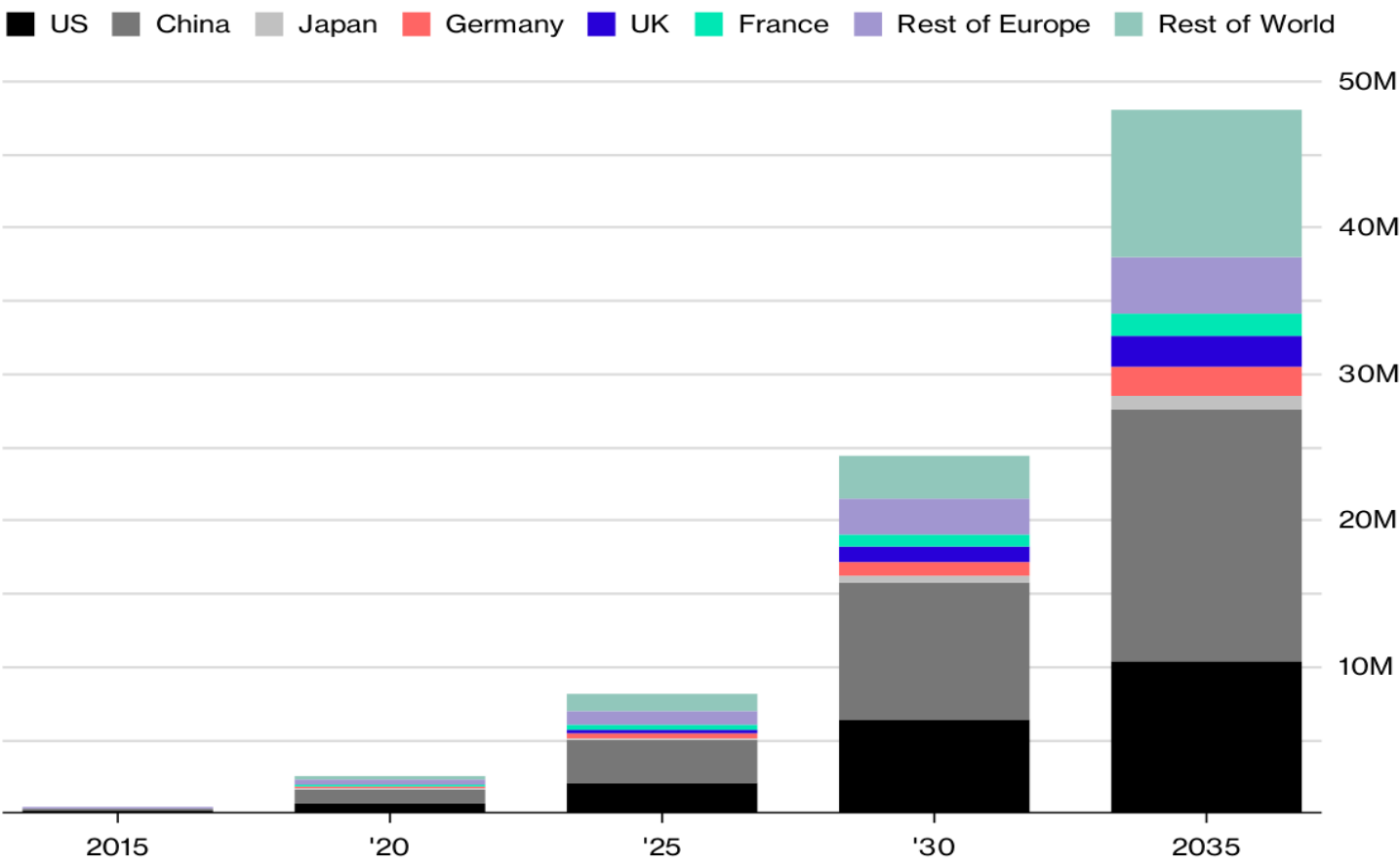
Land	Time	Target
Norway	2025	Stop ICE sales
Netherlands	2025	Stop ICE sales
Germany ?	2030 ?	To be defined
India	2030	Stop ICE sales
France	2030	Stop ICE sales
UK	2040	Stop ICE sales
China	2030 ?	To be defined

## Electric Vehicle Targets of Producers

	Time	Target
Volvo	2019	EV 100%
Ford	2020	EV 10%-25%
Mercedes	2025	EV 25%
BMW	2025	EV 15%-25%
VW	2025	EV 20-25%
Toyota	2050	EV 100%

# The Growth is mostly driven by China – but Europe will follow

Annual global EV sales by market



Each 1%-increase of EV market share leads to an additional demand for Lithium (LCE) of 70,000 tons/year – Compared to a current annual production of around 200,000 tons LCE/year!

Source: Bloomberg New Energy Finance

Bloomberg



ROCK TECH LITHIUM  
6. Precious Metals Summit Zurich

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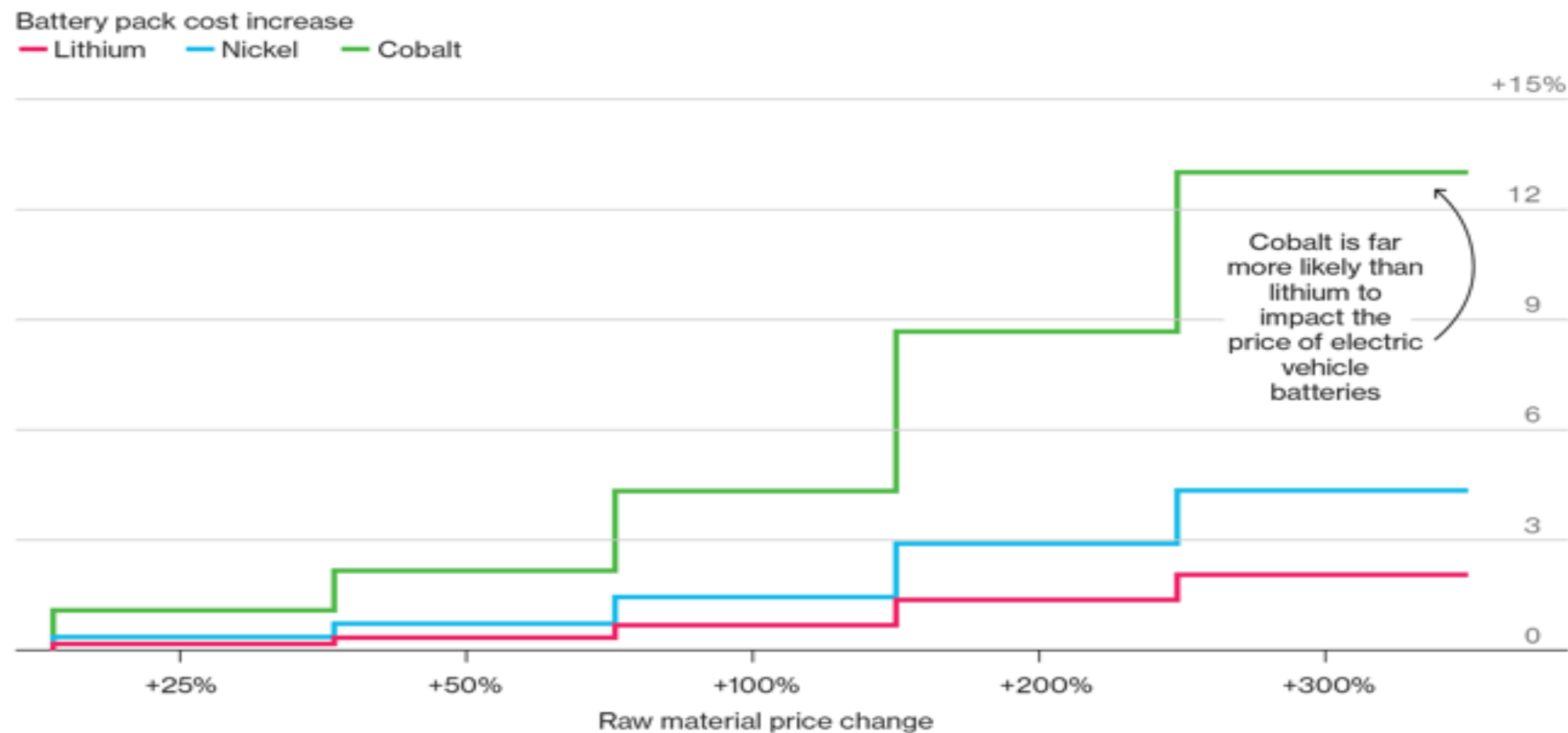
## Consequently, Lithium Prices continue to rise



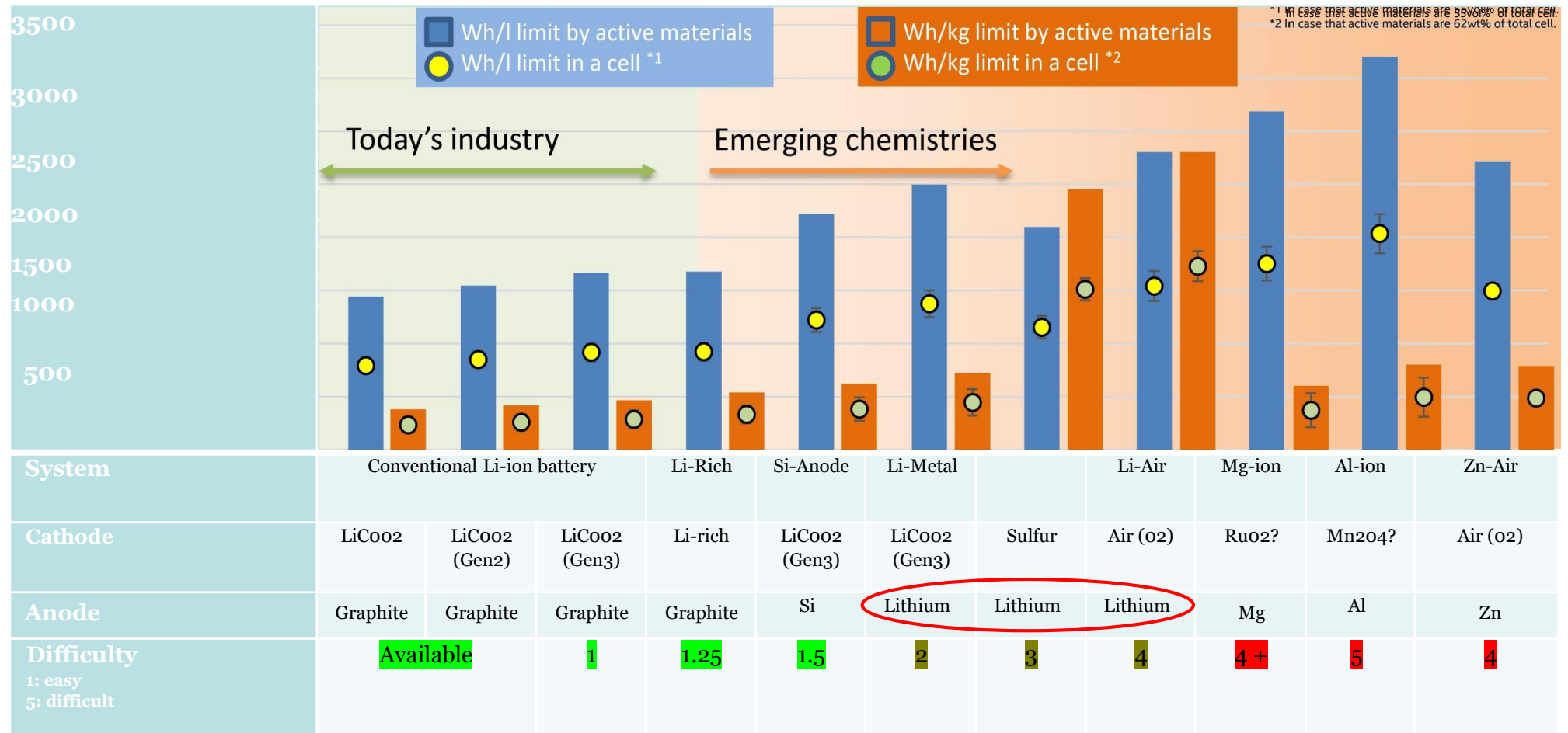
### Observations:

- 1 Prices increased faster than forecasted, based on long-term demand and limited production capacities
- 2 In 2017, spot prices in China are again much higher than mid-term contract prices:
  - Hydroxide: \$21/kg to \$25/kg
  - Carbonate: \$18/kg to \$22/kg
- 3 No reasons for lower prices traceable

# The Price of Lithium has nearly no Impact on total Battery Costs

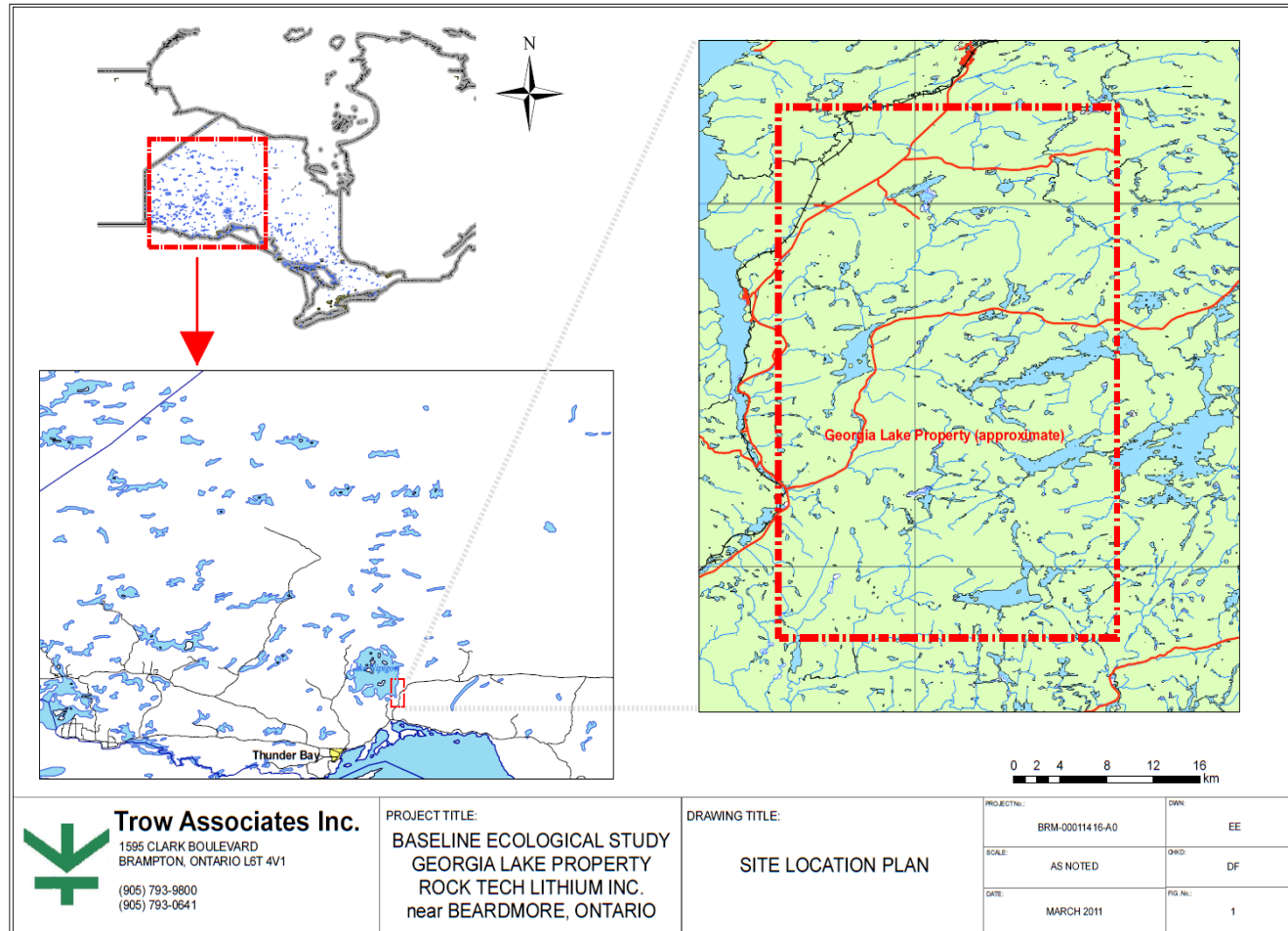


# Intel-Research: The Battery-Types of the next Generation(s)





# Rock Tech Lithium – On its way to a Producer of Lithium



- Rock Tech's main asset is the Georgia Lake lithium property in Canada
- NI 43-101 compliant resource estimate  
Current Indicated Resource: 3.19 million tonnes at 1.10% Li<sub>2</sub>O. Current Inferred Resource: 6.31 million tonnes at 1.00% Li<sub>2</sub>O
- Successful production, on a lab-scale, of battery-grade lithium carbonate
- Analysts expect the resource to be up to 20 million tons, based on expansion work on known dikes and converting historic results into current

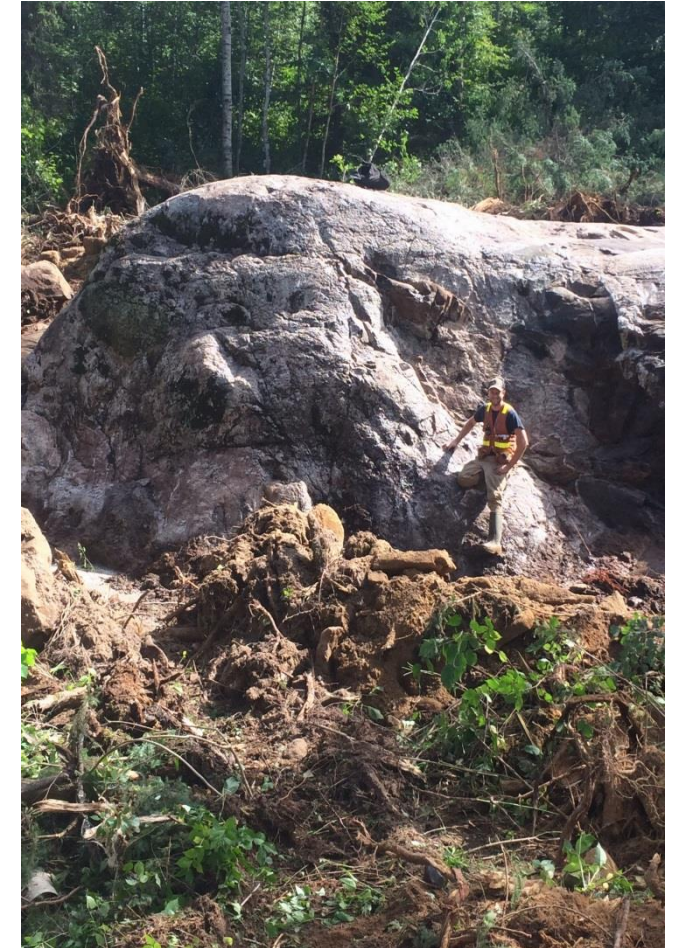
# Financial Snapshot – Strong Shareholder Structure, only little „Dilution“



- **Dual Listed:** On the TSX Venture Exchange (“RCK”) and the Frankfurt Stock Exchange (“RJIB”)
- **Low Float:** 27 million shares issued
- **Large Insider Positions:** over 30% of the issued shares held by Insiders; >40% Friends & Family
- **Market Cap:** 50m CAD
- **Average Trading Volume:** 200K
- **Financings to Date:** 1.2m at \$0.30, 2.7m at \$0.90



# Rock Tech Lithium – Georgia Lake Property in Ontario, Canada





## Contact Information



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