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Mining the Future

Disclaimer

Certain statements in this presentation are forward- looking statements which may include, but are not limited to, statements with respect to the future financial or operating performance of Manganese X Energy Corp. and its projects, the market conditions, business strategy, corporate plans, objectives and goals, the estimates of the timing, cost, nature and results of corporate plans, the strategy for the development of Manganese X Energy's property and regulatory matters. Forward-looking statements involve known and unknown risks, uncertainties, assumptions and other factors that may cause the actual results, performance or achievements of Manganese X Energy Corp. to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Forward looking statements address future events and conditions and therefore involve inherit risks and uncertainties. Although Manganese X Energy Corp. believes that such expectations are reasonable, there can be no assurance that such expectations will prove to be correct, and therefore actual results may differ materially from those currently anticipated in such statements. You are cautioned not to place undue reliance on any such forward looking statements, whether made in this presentation or in any question and answer period related to this presentation.

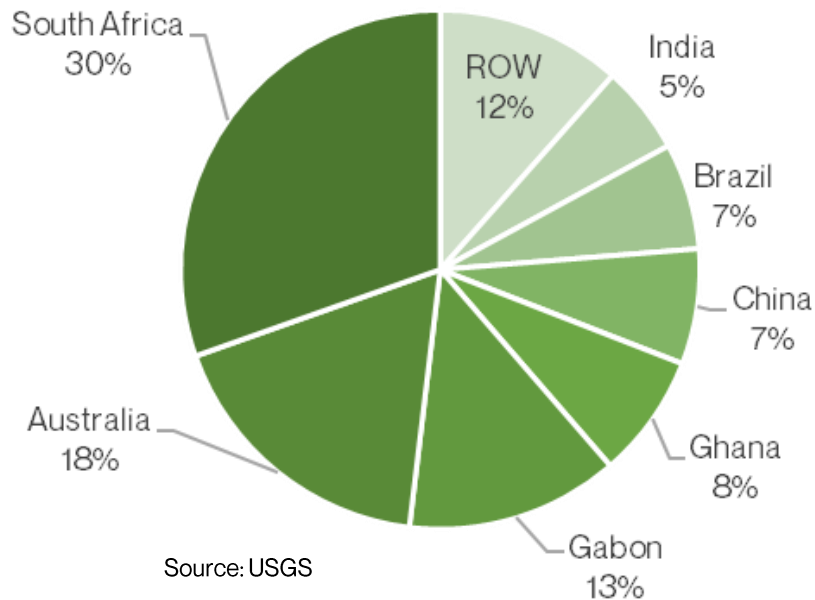
Manganese X Energy Value Proposition

- **Strategically Positioned** The manganese deposit is in New Brunswick, Canada, with proximity to North America and Europe, top consumers of manganese
- **Simple Metallurgical Process** Battery Hill Carbonate ore is easily leachable, allowing for direct production of battery grade manganese sulphate
- **Great Upside at Lower Risk** The company's focus on metallurgy at early stage yielded promising results that enhance the advancement of compliant-resource quantification
- **Potential for Large Resource and Multiple Products** Non-compliant manganese resources estimated at 39 million tonnes at 9% Mn (*), offer the potential to expand to non battery material products
- **In collaboration with downstream players** The company has signed a collaboration agreement with a cathode materials producer

(*) Please note that the above information has been taken from historic sources that were not prepared or reviewed by a Qualified Person for Manganese X Energy under NI 43-101 and are considered historic and should not be relied upon. They were obtained from Sidwell, 1957, who used a sparsely spaced gravity survey and limited drilling to obtain these results. No qualified person has done sufficient work to classify the historical estimate(s) as current mineral resources or reserves and Manganese X Energy is not treating the historical estimate as current resources or reserves.

North America is Dependent on Manganese Imports

Manganese Production



- There is no manganese mine production in the United States or Canada
- Manganese X Energy has the potential to become North America's most significant producer of manganese products for the North American and European markets

Manganese Uses

- Most manganese, like nickel, is used for steel production



- Other uses include:

Batteries

EV and stationary energy storage batteries



Chemicals

Agriculture (fertilizer, animal feed, fungicide)

Water purification

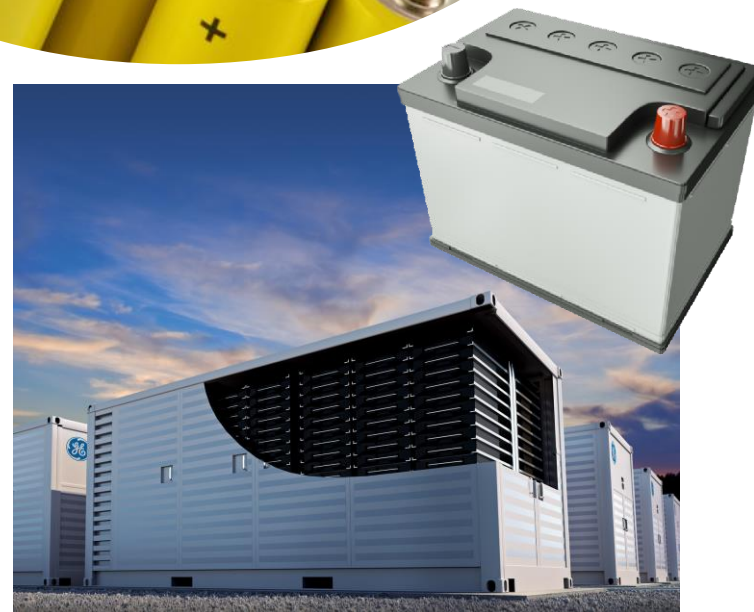
Pigments

Manganese ferrite (used in ceramics, cement, coatings, etc.)

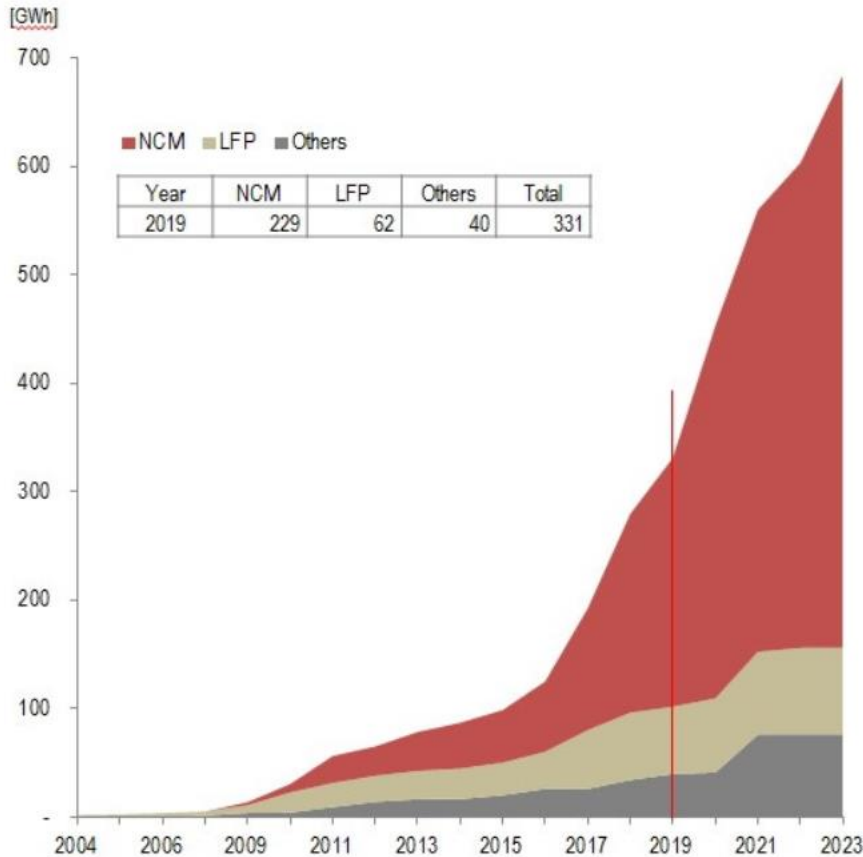


Manganese is an Essential Material for Batteries

- Electric vehicles (EV)
NMC (Li-Ni-Mn-Co),
LMFP (Li-Mn-Fe-P) and
LMO (Li-Mn oxide) type
batteries
- Household disposable
batteries Alkaline Zn-
Mn dioxide
- Grid energy storage
NMC (Li-Ni-Mn-Co) and
LMFP (Li-Mn-Fe-P)
- Low voltage battery
Zn-Mn dioxide



Lithium-Manganese Batteries in High Demand

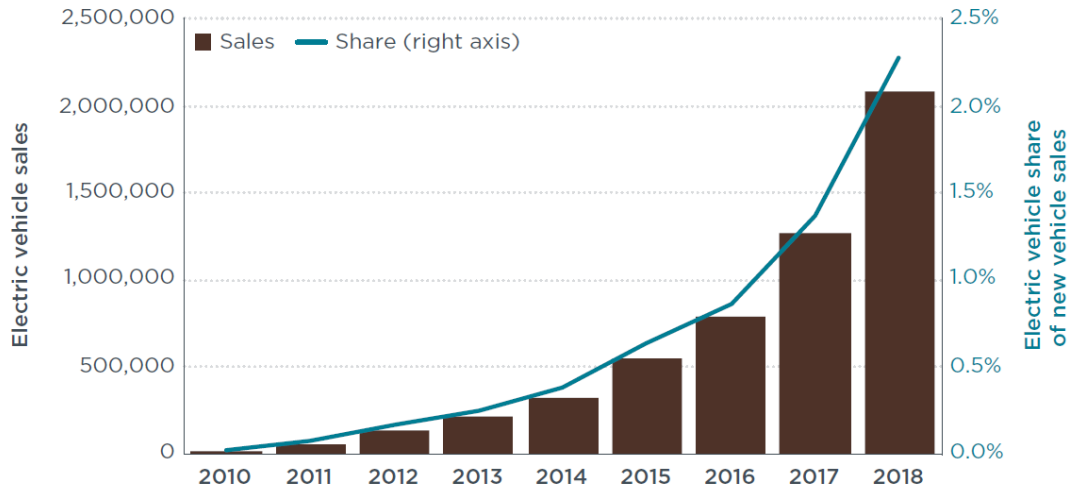


Source: BNEF

- NMC (nickel-manganese-cobalt) lithium battery is the most widely used chemistry
- Lithium-Manganese-Iron-Phosphate (LMFP) provides a 10 to 15% increase in energy density compared to conventional LFP, that is widely adopted in China - Dow Chemicals
- NMC battery production capacity takes up 69% of the entire Li-ion battery production capacity - Bloomberg New Energy Finance

EV Market Trends

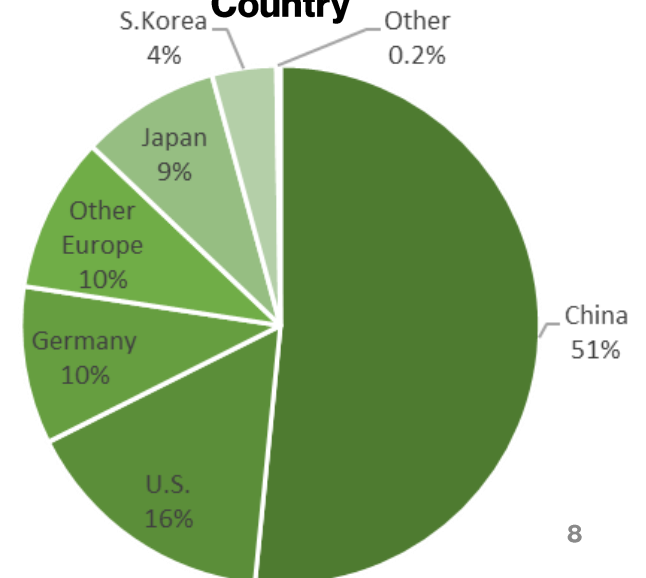
Electric Vehicles Sales



Source: ICCT

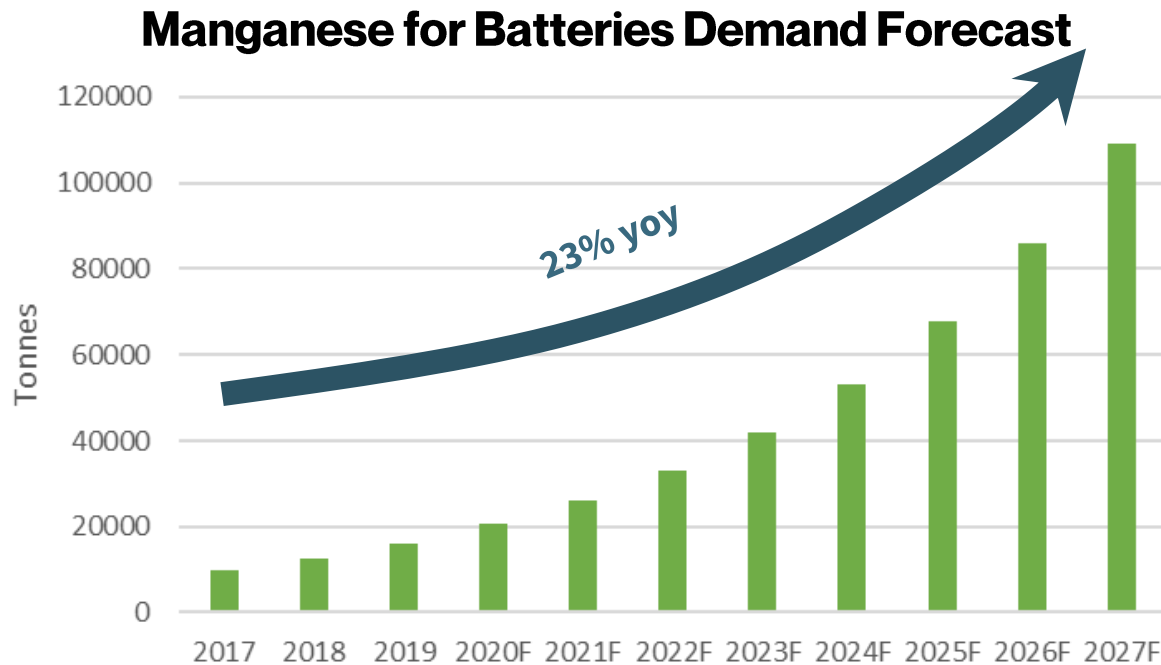
Less than 2.5% of the total 91.6 million passenger vehicles sold in 2019 were electric.

Share of Electric Vehicles Sales per Country



Major European countries, India, China, among other nations are planning to phase out internal combustion engines within the next 20 years.

Expected increase in EV sales to drive battery materials demand



Manganese demand, just from lithium-ion batteries, expected to grow at a compounded annual rate of 23% to 2027 – Roskill, 2019

Battery Minerals and Technology Assets

- **Manganese**

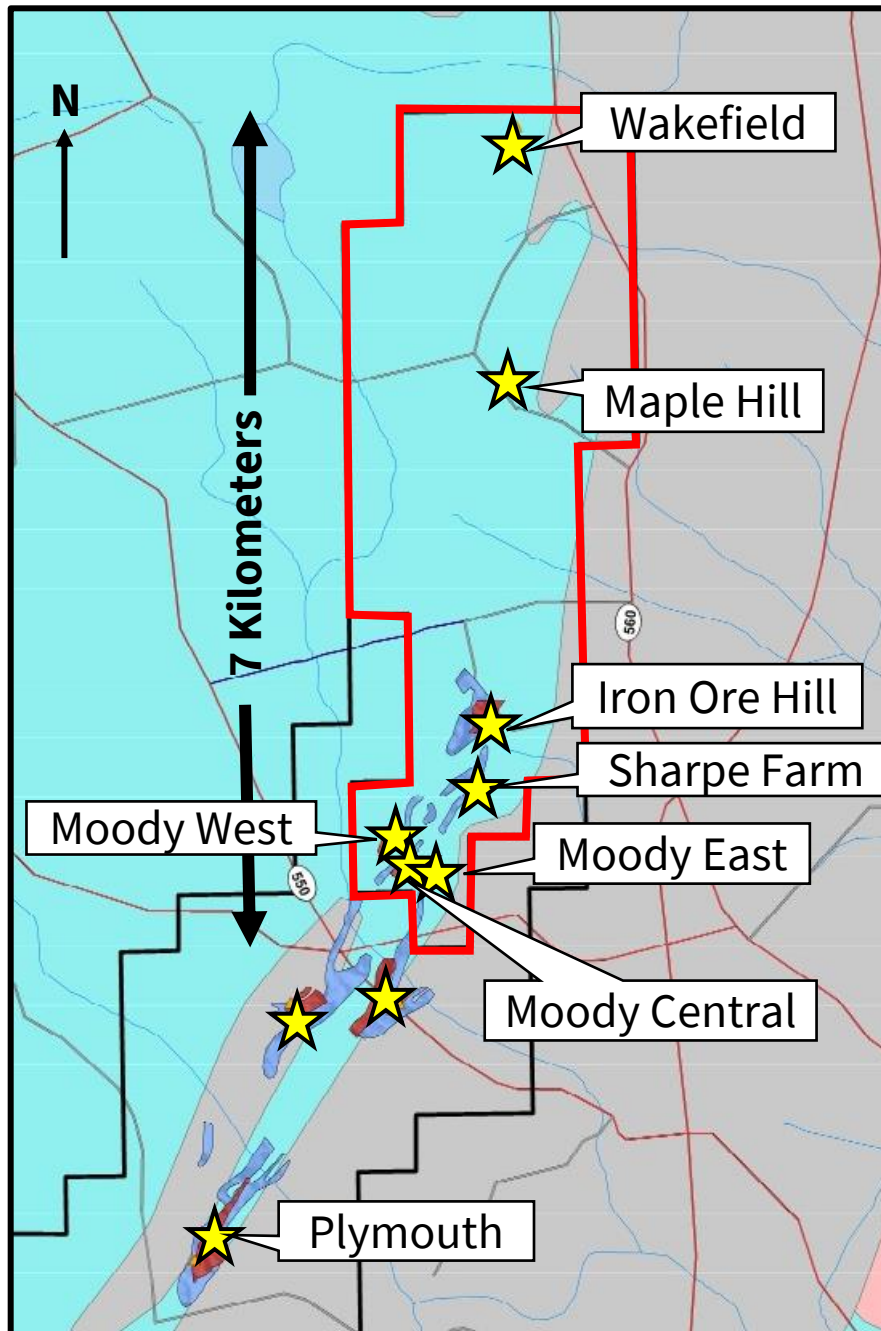
Flagship Asset – Battery Hill Manganese Deposit

Other Assets

- LAB Graphite Deposit
- Peter Lake Nickel-Cobalt Project
- Disruptive Battery Corp.

Battery Hill

Responsible and Ethical Source of Manganese



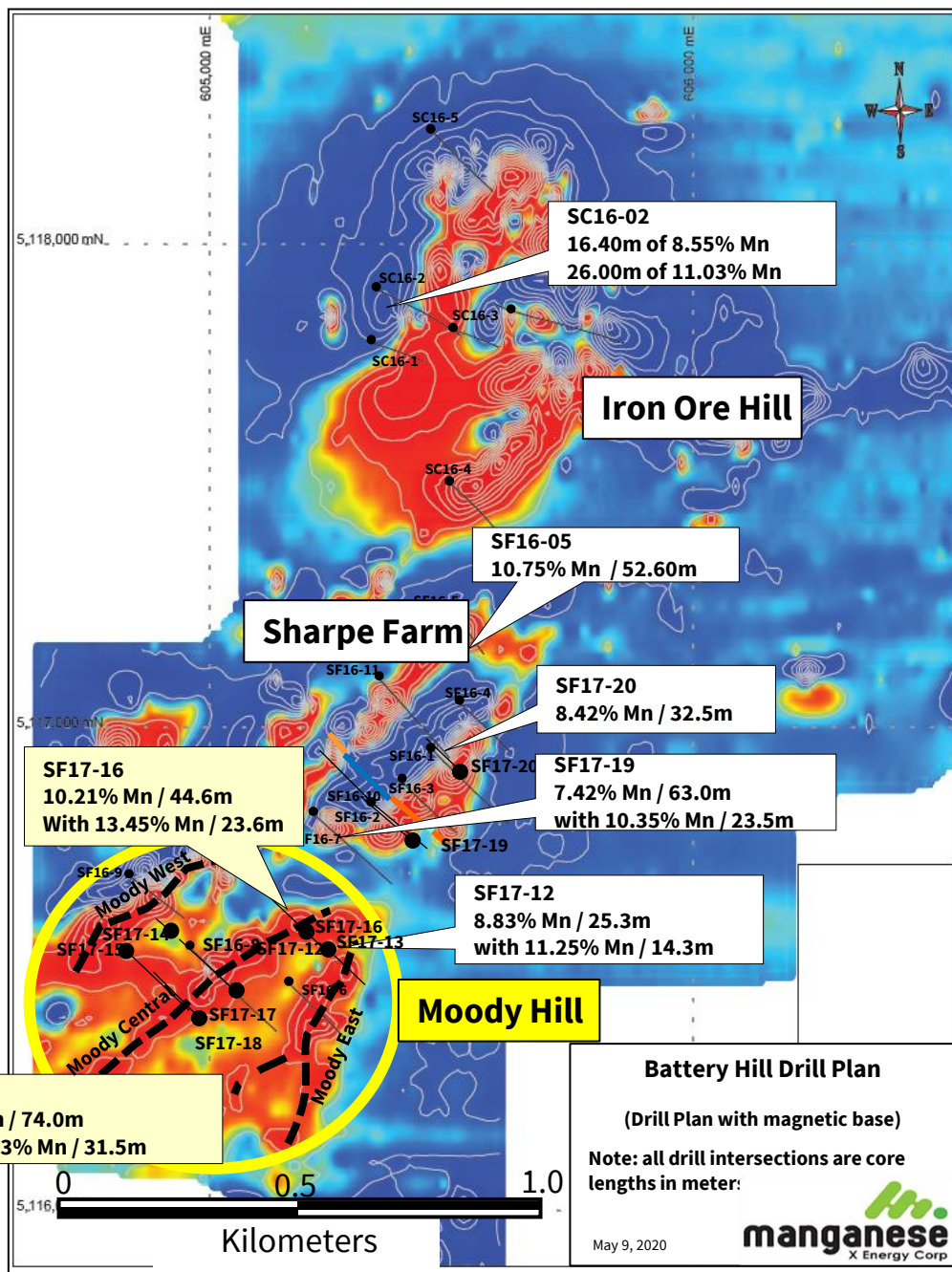
- The Battery Hill deposit in the Houlton Woodstock property consists of 55 claims totaling 1228 hectares located in New Brunswick.
- It encompasses all or part of four Manganese zones, Iron Ore Hill, Moody Hill, Sharpe Farm, Maple Hill and Wakefield.
- The deposits have excellent location, being approximately 5 km northwest of the town of Woodstock and are easily accessible from the Trans-Canada highway via all-weather roads.
- It is strategically situated 12 kilometers from the US (Maine) border, near existing power transmission lines, railway and road access that provide suitable transport to major shipping lanes on the Atlantic Ocean and Saint Lawrence Seaway

Battery Hill

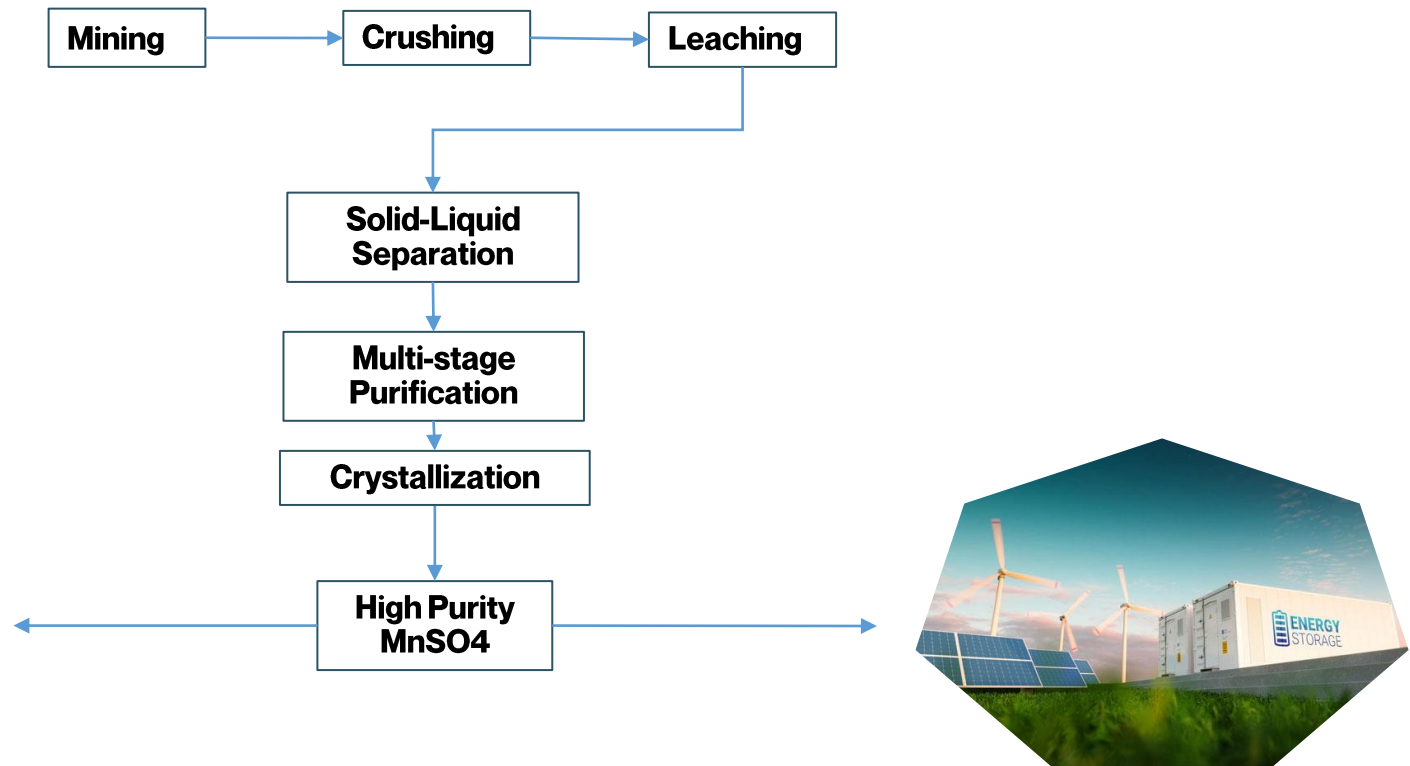
Responsible and Ethical Source of Manganese

- Non-compliant resource estimate amounts to 39 million tons at 9% Mn (*)
- Mineralization remains open in most directions (depth and strike) for significant expansion
- Metallurgical and Drilling programs to determine a compliant resource are ongoing. Current focus is on near surface, higher grade areas at the Moody Hill zones.
- Upon successful completion of the programs, work will be initiated toward the completion of a preliminary economic assessment (PEA).

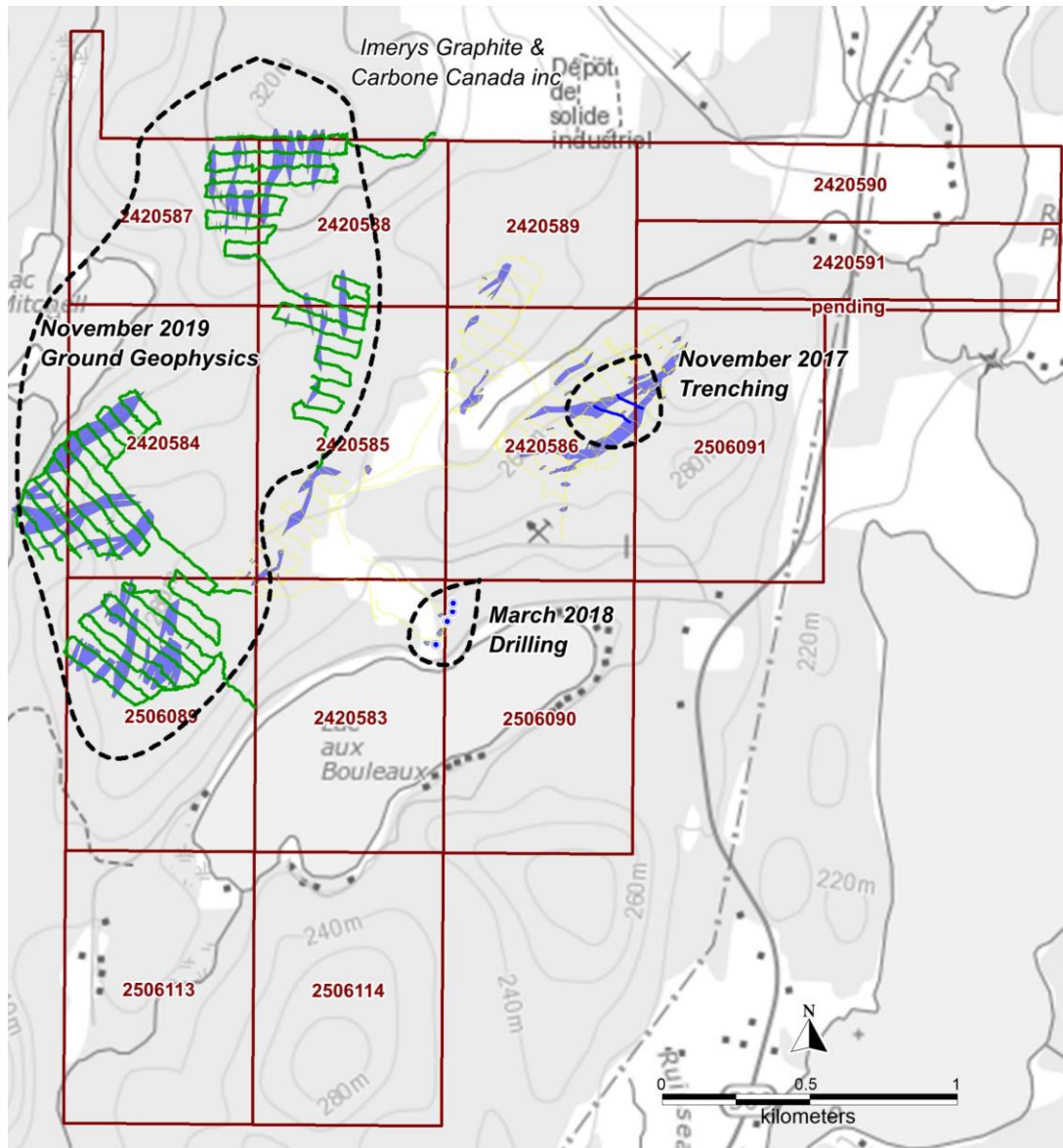
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Simple Processing Steps



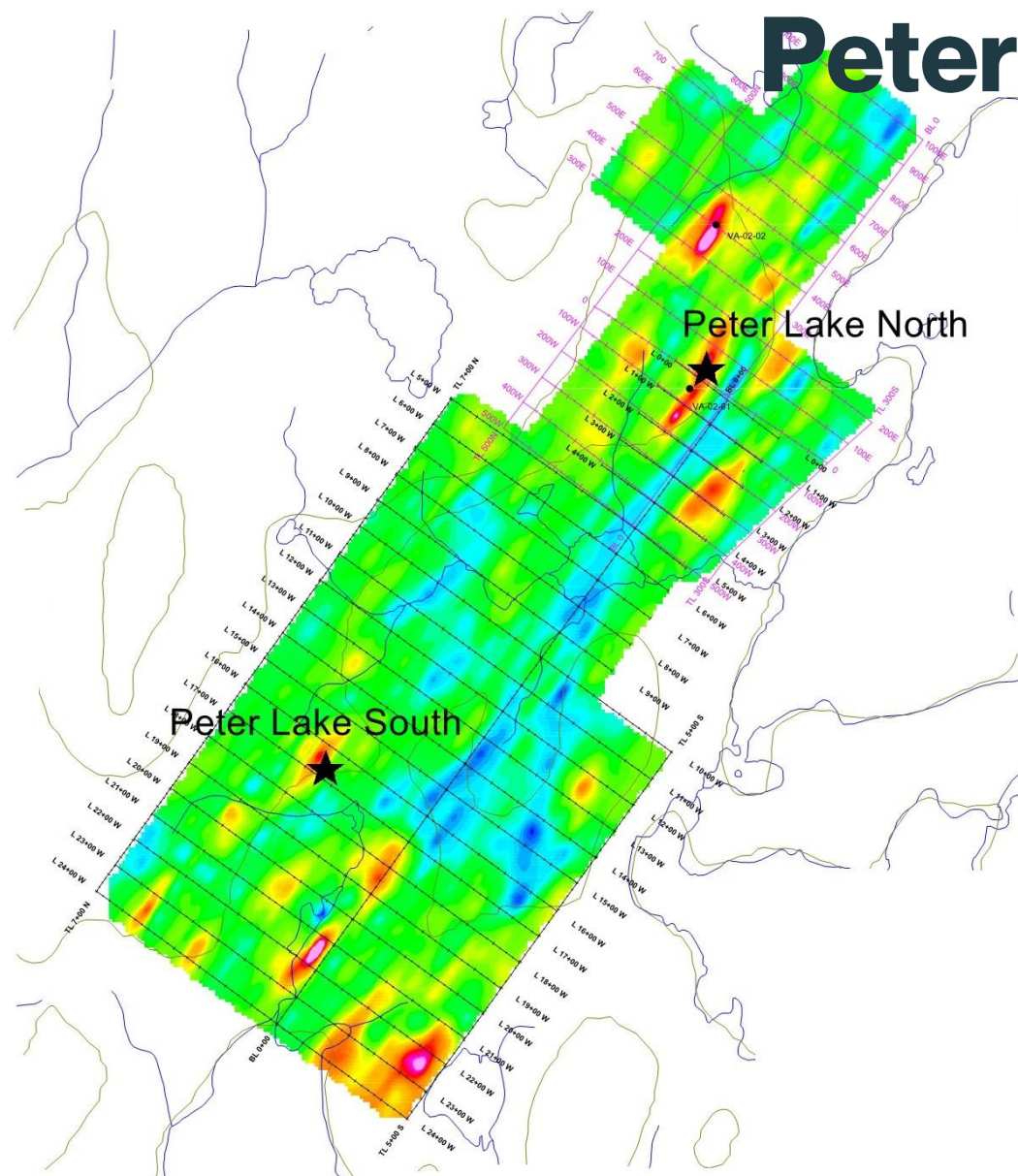
LAB Graphite Property



- Past exploration tests intersected significant graphite mineralization in drill holes and trenches
- Preliminary metallurgical results returned very good results with recoveries up to 96%
- The high percentage of large flake graphite is positive for a high quality, premium priced product.
- Infrastructure is excellent with road access and electrical power on site; and
- The property is located contiguous to TIMCAL's Lac des Iles producing graphite mine.

LAB Graphite property will be spun out into a separate company, to enhance focus on maximizing shareholder value

Peter Lake Ni-Cu-Co Property



- Two Copper-Nickel-Cobalt occurrences known as Peter Lake North and Peter Lake South are included within the property. Previous grab sampling returned values ranging from 0.4% to 22.8% copper, 0.14% to 0.73% nickel, 500 ppm to 0.266% cobalt, as well as elevated gold and silver.
- The mineralization is associated with mafic intrusions of the Serpent Suite and has been traced intermittently on surface for more than 2 kilometers.
- The property has received very limited exploration to date with only 2 shallow diamond drill holes completed in 2002. The Peter Lake South occurrence, discovered in 2012, has not been tested by drilling.

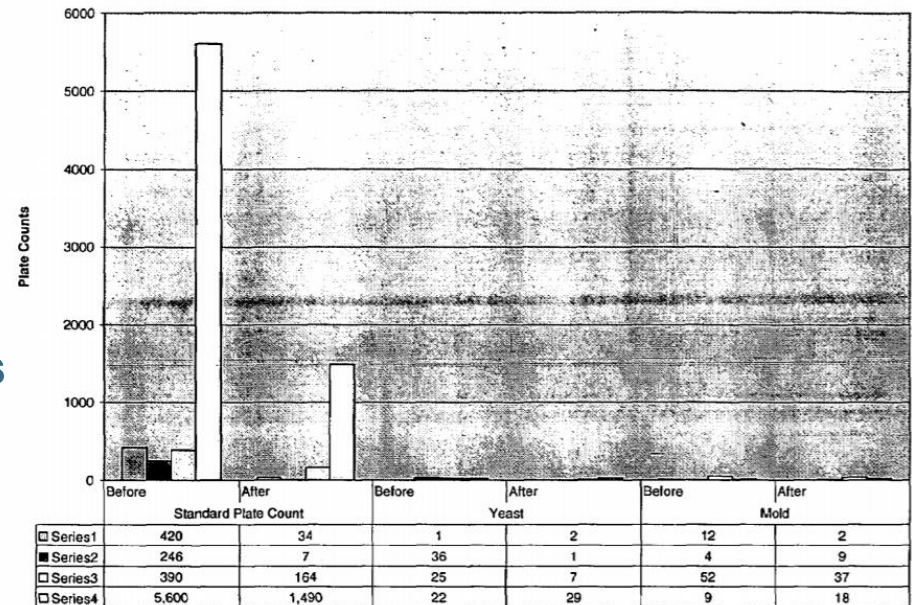
Disruptive Battery Corp.

The Disruptive Battery Corp. (DBC), is a 100% owned subsidiary of Manganese X Energy. It was created for the purpose of accelerating a manganese thesis as it relates to stored energy technologies. The intent is to advance the employment of manganese for greener power production and penetrating the battery market. DBC has identified and is in discussions with several battery technology developers.

DBC has seized a technology opportunity in the air purification sector, motivated by this once in 100 years virus pandemic.

The Company purchased the patents for a HVAC technology, and is currently developing it.

**HVAC Technology
Microbial test results, before and after**



Comp Analysis

Company	Market Cap	Main Ore Type	Main Product	Acid Solubility	Flowsheet	Capex	Working Stage
Manganese X Energy Battery Hill, Canada	C\$ 21.7	Carbonate	HP MnSO ₄	Easier	Simple	Lower	PEA
Giyani Metals Corp., Kgwakgwe, Namibia	C\$ 14.3	Oxide	EMM, HP MnSO ₄	Poor	complex	Higher	PFS
Euro Manganese Corp., Chvaletice, Czechia	C\$ 14.7	Carbonate	EMM, HP MnSO ₄	Easier	complex	Higher	PFS
Element 25 Butcherbird, Australia	C\$ 62.9	Oxide	Ore Concentrate	N.A.	Simple	Lower	FS

Market data – September 8, 2020; exchangerates.org.uk AUD/CAD=0.954

Manganese X Energy is targeting the main manganese product for the growing EV and stationary energy markets. The ore has a relatively easy solubility in acid, and preliminary metallurgical tests (*) suggest a simple flowsheet and lower capex compared to EMM processes.

(*) Tests performed by Kingston Process Metallurgy and Kemetco

Key Milestones

	Manganese	LAB/PL	HVAC
2020	<ul style="list-style-type: none"> • Drilling Program • Flowsheet development • Start permitting process 	<ul style="list-style-type: none"> • Completed NI 43-101 technical report 	<ul style="list-style-type: none"> • Testing and validation of vaporous formulas (VF)
2021	<ul style="list-style-type: none"> • Resource Estimate • Pilot Plant • PEA 	<ul style="list-style-type: none"> • Spin-out of LAB • Drilling program • Metallurgical tests 	<p>Upon successful test of VF at laboratory level:</p> <ul style="list-style-type: none"> • Pursue regulatory approvals • Adapt and re-engineer patented HVAC apparatus to new VF
2022	<ul style="list-style-type: none"> • Reserve Estimate • Demo Plant • Feasibility Study 	<ul style="list-style-type: none"> • Pilot plant • PEA 	<ul style="list-style-type: none"> • Perform tests in commercial buildings upon regulatory approvals, pursue partnerships

Corporate Strategy

- **Focus on metallurgy from the start to de-risk project**
- **Target a key strategic product – high grade manganese sulphate for electric vehicles and stationary battery systems**
- **Invest in research and development of downstream products**
- **Partnership with downstream players**

Management Team

Martin Kepman, Chief Executive Officer & Director – Martin Kepman and Associates Inc, founded in 1982, is a business development and management consulting firm owned and operated by its president Martin Kepman. Martin, in his 34 years of consulting experience, has consulted on a wide range of projects, in multiple industries ranging from software , soft goods, printing, food to mining.

Roger Dahn, Vice-President of Exploration & Director – Mr. Dahn has over 30 years experience in the mining and exploration industry. His experience includes over 16 years with Noranda Inc. and Hemlo Gold Mines Inc., Exploration Manager-Eastern Canada for Battle Mountain Gold Company and Vice President-Exploration with Olympus Pacific Minerals Inc. and most recently Tri-Star Resources PLC. Mr. Dahn has been involved with a number of base metal and gold discoveries which advanced to development stage and production. His extensive mineral exploration experience covers both Canadian and International settings. Mr. Dahn is a registered professional geologist and Qualified Person as defined by National Instrument 43-101.

Jacques Arsenault, Chief Financial Officer – Jacques Arsenault is an experienced executive and consultant who for more than 20 years has specialized in the development, restructuring, acquisition, merger and sale of companies and assets in both the public and private arenas.

Board of Directors

Jay Richardson, Director – is a Canadian Chartered Accountant (CA CPA), a Singapore Certified Public Accountant (CPA) and a Fellow of the Insolvency Practitioners' Association of the United Kingdom (FIPA). He has practiced as a Partner at Ernst & Young (Canada and Singapore) and KPMG (UK) prior to establishing his own practice as a company doctor in Toronto, Canada in 1993. He has served as the CEO or Chairman of eight listed public companies and as CFO of numerous others. He has extensive public company governance experience from over a dozen Board memberships including having served as Interim Chairman of the Argus Corporation.

Anthony Viele, Director - Mr. Viele is currently the President and Director of Premier Strategic Alliance Inc. and has held these positions since the company was founded in 1996.

Luisa Moreno, Ph.D., Director – Dr. Moreno possesses unparalleled expertise in strategic minerals and related processes. She is currently Founder and Managing Director at Tahuti Global. Prior to this, she spent 7 years as a Financial and Senior Equity Analyst at Canadian financial research and investment banking firms.

Shimmy Posen, Corporate Secretary – Mr. Posen is a lawyer and Partner at Garfinkle Biderman LLP, where he focuses on corporate finance, M&A and securities law. He acts for public and private companies, securities dealers and financial institutions on a number of public and private financings and commercial transactions.

Financial Details

Number of Shares	C\$ 94.2 million
Options	C\$ 29.6 million
Warrants	C\$ 5.1 million
Shares fully diluted	C\$ 128.9 million
Market cap (Sept 8, 2020)	C\$ 21.7 million



For Further Information

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