

Critical Metals for Our Future



GridMetals
CORP.



Investor Presentation – December 2021

WWW.GRIDMETALSCORP.COM | TSXV: GRDM | OTCQB:MSMGF FRANKFURT: NJF1

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1

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The Preliminary Economic Assessment (PEA) of the Mayville-Makwa Project dated April 30, 2014 was prepared by Roscoe Postle Associates Inc. (RPA). The PEA includes the use of inferred mineral resources that are considered too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves. The study is preliminary in nature and there is no assurance the mining, metal production or cash flow scenarios outlined in this report would ever be realized. Mineral resources are not mineral reserves and do not have demonstrated economic viability.

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Technical information contained in this Presentation has been reviewed by Dave Peck, P.Geo., a Qualified Person under the meaning of National Instrument 43-101. Drill widths noted in presentation are apparent width unless otherwise stated.

Management Team

2

- **Mr. Robin Dunbar | President, CEO, and Director**

- President of Grid Metals Corp., based in Toronto
- Mr. Dunbar holds an M.B.A. from Dalhousie University
- Over 20 years experience in nickel and platinum group metals exploration and management
- Current director of McEwen Mining and former Director of Western Areas Ltd (an ASX listed nickel producer)

- **Dr. Dave Peck | VP Exploration and Business Development**

- Leading geoscientist for PGM and Nickel
- Former VP Exploration for North American Palladium Ltd. prior to its acquisition by Impala Platinum
- Former Global Nickel Commodity Leader for Anglo American PLC's Exploration Division
- PhD. in Geology from Melbourne University, Victoria, Australia

... Grid has experienced management and a favourable capital structure

Ticker	TSXV:GRDM
Share Price (as of December 15, 2021)	C\$0.10
Shares Outstanding (Basic)	93.4 M
Options (avg. strike price of C\$0.31)	4.6M
Warrants	36.3M
Fully Diluted ITM Shares Outstanding	134.3 M
Market Capitalization (Basic)	C\$9.3M
Cash & Cash Equivalents	~ C\$3.0M

Technical Team:

- Rob Foy, P. Geo., Exploration Manager, Ontario
- Dr. Reid Keays, world renowned expert on PGE and Ni sulfide deposits
- Ian Ward, P. Eng., senior metallurgical consultant
- Brian Young, P. Eng., senior mine engineer, u/g mining specialist
- Kevin Stevens, senior geophysicist, magmatic sulfide expert
- Paul Stacey, data management, geomatics, 3D modeling

Corporate Overview

3

- Low market cap company with quality nickel-copper and lithium assets and strong technical team
- CAD\$ 6 million financing announced with Lithium Royalty Corp. to finance activities through 2022.
 - Financing consists of straight share equity \$ 1.6 million (no warrant) and sale of lithium royalty and 25% of lithium projects for \$4.6 million
- Company working capital after financing close in January will increase to CAD\$ 9 million
- Lithium exploration commencing and lithium spin out planned in conjunction with Lithium Royalty Corp.
- Renewed exploration drilling focused on adding additional quality resource for Mayville Ni-Cu-PGM-Co project.
- Grid extremely well positioned in lithium and nickel-copper metal sectors

Projects

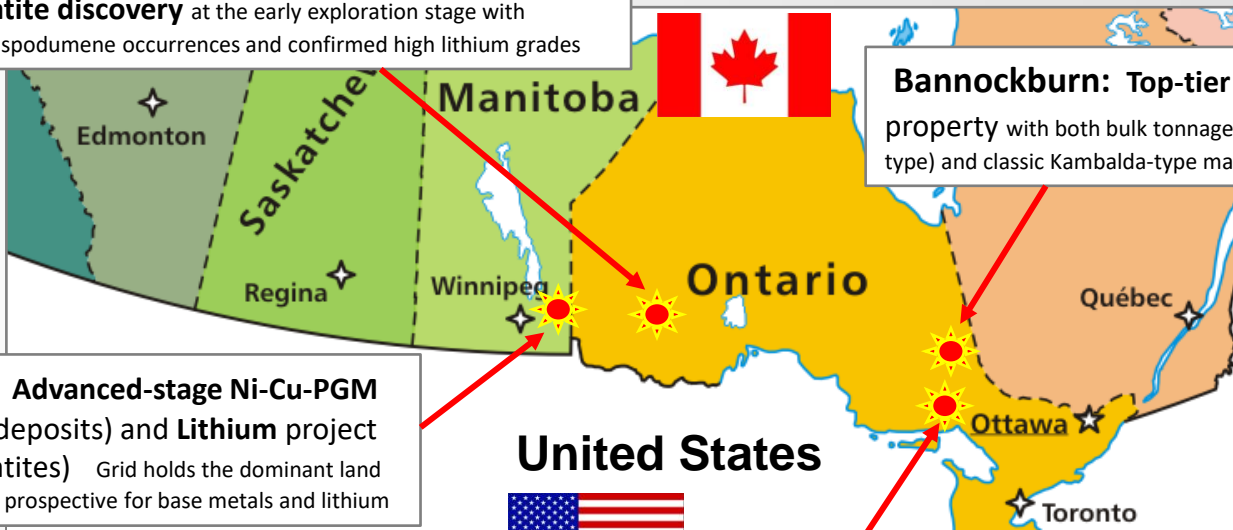
4

Each Project being actively advanced with potential to re-rate value of Grid Metals Corp.

Projects are focused on critical minerals set to benefit from rise in green energy technologies over next 10 years

Campus Creek Lithium: An important new LCT

pegmatite discovery at the early exploration stage with multiple spodumene occurrences and confirmed high lithium grades



Mayville Project: Advanced-stage Ni-Cu-PGM

(Makwa & Mayville deposits) and **Lithium** project (Donner Lake pegmatites) Grid holds the dominant land position in greenstone belt prospective for base metals and lithium

Bannockburn: Top-tier Nickel Sulfide exploration

property with both bulk tonnage disseminated nickel (Crawford-type) and classic Kambalda-type massive sulfides already discovered

United States



East Bull Lake: Top-ranked palladium prospect in N. America

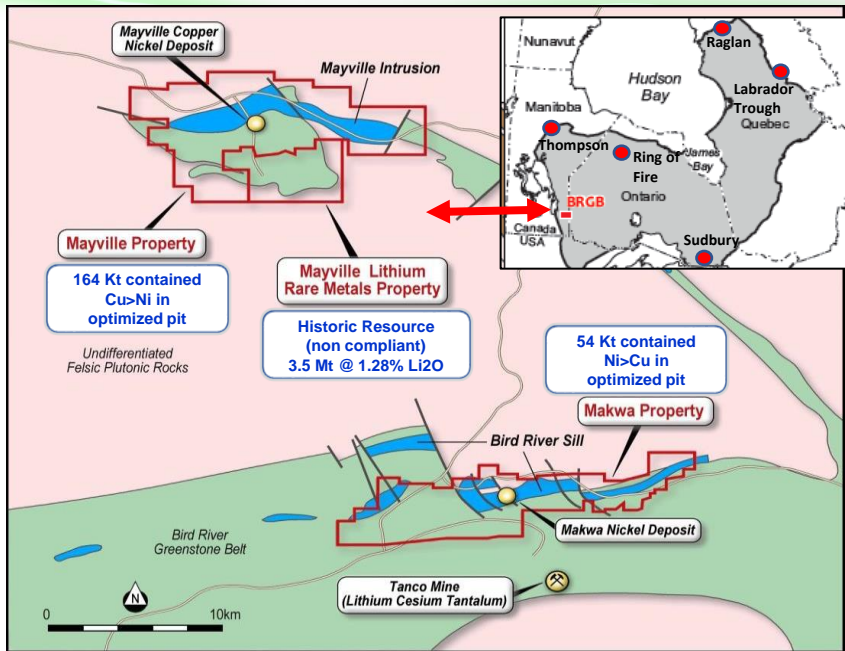
based on >20 km strike length of outcropping mineralized layer, excellent thickness and grade, and variety of mineralization styles.

Mayville Project, Manitoba

Nickel Copper Palladium Cobalt Lithium

5

Dominant Land Position in Bird River Belt



Above: Bird River mafic ultramafic belt (blue) hosts base metals but also Tanco Mine and world class Bernic Lake lithium rare earth pegmatite

Overview

- Grid holds the dominant land position in the Bird River Greenstone belt in SE Manitoba which has strong similarities to the Ring of Fire in NW Ontario¹
- The **Mayville Project** includes both a **PEA stage Ni-Cu-PGM** project and a **lithium exploration project with a historical resource**
- Project is located 145 km east of Winnipeg with excellent infrastructure
- Ni-Cu-PGM-Co resources represent US\$3.5 billion of in situ value at current metals prices; both have potential for expansion (high-grade cores)
- Grid has a historical high grade lithium resource hosted in LCT pegmatites
- Tanco Mine is also located in belt and is a lithium and rare metals producer operating since 1968
- Exploration drilling planned for Q1 2022.

Makwa Deposit

Nickel Palladium Copper Cobalt

- Nickel-rich resource with higher grade nickel-palladium core @ ~1.5% Ni Eq grade
- Two former producing deposits on property
- Mineralization continues under pit resource
- Currently investigating u/g mining options
- Property covers 6 km along prospective ultramafic rocks

Mayville Deposit

Copper Nickel Palladium Cobalt

- Copper-rich resource averaging >1% Cu Eq grade
- Metallurgy indicates excellent copper recoveries 85% to high grade copper concentrate (25%)
- Nickel recoveries were 68% to a 11% Ni concentrate grade in latest metallurgical work
- Palladium high grade discovery in footwall requires follow up with potential to add tonnage

Category	Tonnage	Grade						Contained						
	Mt	% Ni	% Cu	% Co	g/t Pt	g/t Pd	g/t Au	M lbs Ni	M lbs Cu	M lbs Co	K oz Pt	K oz Pd	K oz Au	
Makwa														
Indicated	7.2	0.61	0.13	0.01	0.10	0.36	n.a.	97	21	2	23	83	n.a.	
Inferred	0.7	0.27	0.08	0.02	0.05	0.14	n.a.	4	1	0	1	3	n.a.	
Mayville														
Indicated	26.6	0.18	0.44	n.a.	0.05	0.14	0.05	106	256	n.a.	43	122	43	
Inferred	5.2	0.19	0.48	n.a.	0.06	0.15	0.04	22	55	n.a.	10	25	7	
Total Indicated	33.8	0.27	0.37	n.a.	0.06	0.19	n.a.	203	276	2	65	206	43	
Total Inferred	5.9	0.20	0.43	n.a.	0.06	0.15	n.a.	24	55	0	11	28	7	

Notes:

1. CIM Definition Standards have been followed for classification of Mineral Resources.
2. Mineral Resources are reported at a net smelter return (NSR) cut-off value of C\$15/tonne at Mayville and C\$20.64/tonne at Makwa
3. Metal prices used in resources were US\$3.40/lb Cu and US\$8.50/lb Ni
4. Totals may not add correctly due to rounding
5. Mineral Resource that are not Mineral Reserves do not have demonstrated economic viability.

Mayville Project

Economic Considerations

7

2014 PEA (Roscoe Postle Associates)

- 14 year project with 40 million tonnes of Ni-Cu (PGE) sulfide ore from two open pits feeding a central concentrator
- Capex to build was C\$208M initial and C\$301M total for plant and infrastructure
- All resources are in resource to be mine are open pit constrained
- Project will produce separate nickel and copper concentrates through life of project
- Life of mine free cash flow was +\$600 million.

Key Project Advancements Since 2014 PEA

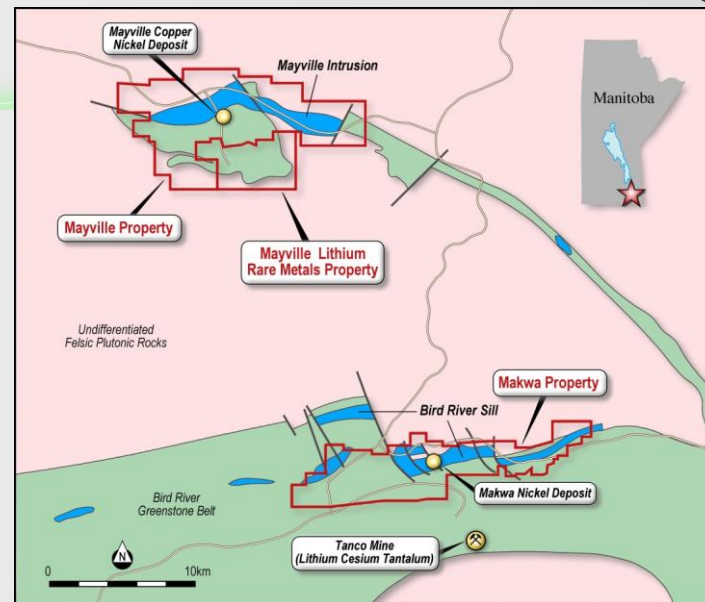
- Significantly improved nickel recovery at Mayville from 40% to 68% to an 11% nickel concentrate (XPS study)
- Cobalt recovery – cobalt reported to nickel concentrate at Mayville and would be payable (XPS study)
- Potential for combined pit + u/g option at Makwa to improve average grade (core zone with 1% nickel, ~1 g/t Pd+Pt)
- New exploration targets on both properties – clear potential to add resources
- Mayville PGE Zone could also add to overall project mineral resources
- New exploration agreement with FN takes project through exploration through feasibility
- Marked improvement to average metal price deck and FX rates from time of PEA
- **Clear synergies with Mayville Lithium and PGE Zone for infrastructure sharing and reduction of Capex requirements**

Donner Lake Pegmatites (Mayville Lithium)

Overview

8

- Mayville Lithium property is located in the Bird River Greenstone belt –a major rare metals pegmatite belt hosting the Tanco Mine and its world class Bernic Lake LCT pegmatite
- The Mayville Lithium is ~ 2 km from the Mayville Cu-Ni Deposit
- Tanco is recommissioning a lithium spodumene circuit with intention to expand lithium spodumene production.
- Tanco has first right to buy products produced from Grids' property whether ore or concentrate
- Historical resource of 3.5 million tonnes @ >1% Li₂O based on shallow drilling on only two of the known pegmatite dykes on the property
- Almost no modern exploration, multiple LCT pegmatites found along favourable granite-greenstone contact zone, high potential for more dykes to be discovered
- Exploration target is a 10 Mt resource of >1% Li₂O capable of producing a premium grade spodumene concentrate (SC6%); initial metallurgical tests by XPS confirm good potential for Main Dyke
- Spodumene a key feedstock for lithium carbonate and hydroxide



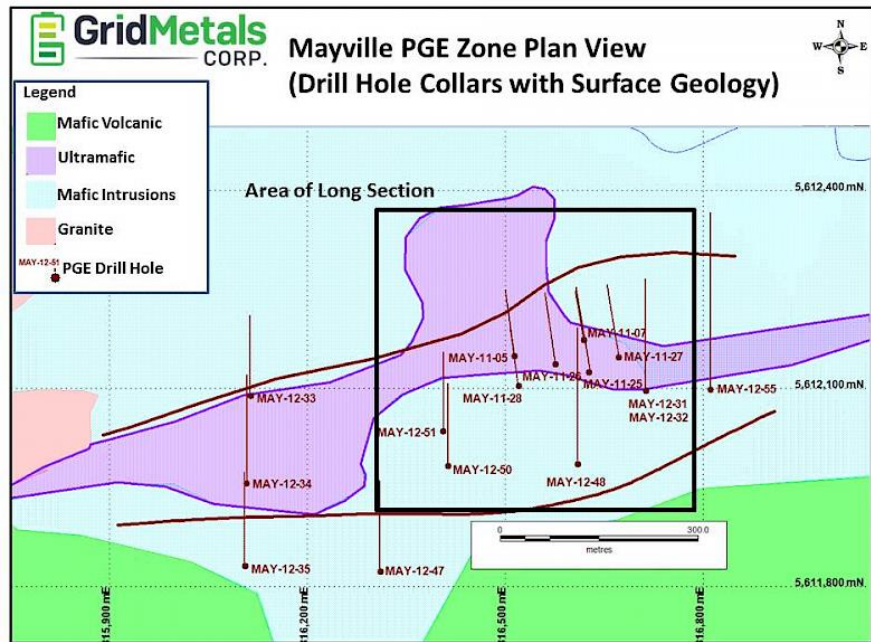
Right: Tanco Mine
operating since 1968



Mayville PGE Zone

High-grade Palladium-rich Discovery Adjacent Mayville Ni-Cu Deposit

9



Above: Drill hole locations and simplified geology for the PGE Zone at Mayville.

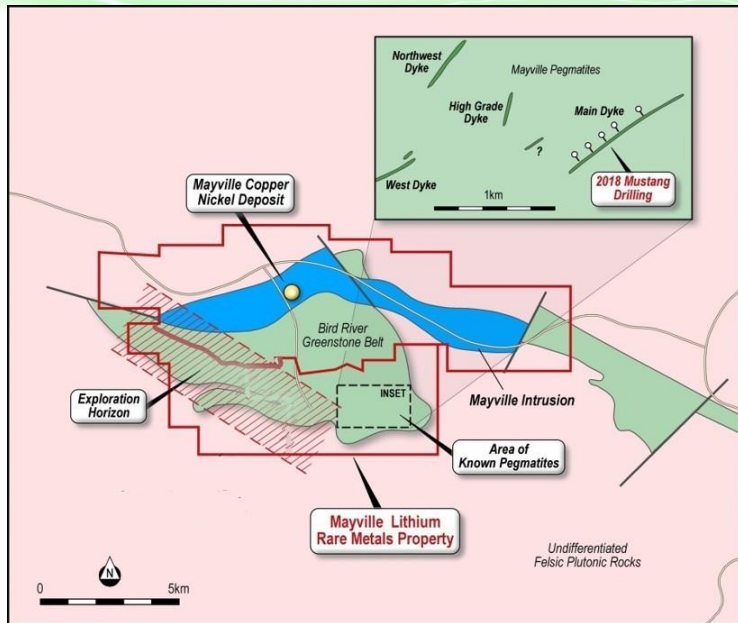
Mayville PGE Zone Drilling Highlights (2011/12)

Hole	From (m)	To (m)	Interval (m)	Pd+Pt+Au (g/t)
MAY-11-06	31.1	38.7	7.6	1.6
MAY-11-07	34.1	86.0	51.9	2.4
including	55.5	64.6	9.1	9.5
MAY-11-25	37.0	60.4	23.4	1.0
MAY-11-26	26.7	41.8	15.1	1.1
MAY-11-27	43.3	114.9	71.6	1.0
including	96.7	105.8	9.1	3.9
MAY-12-55	254.0	255.0	1.0	8.2

The Mayville PGE Zone is located <1 km south of the Mayville Cu-Ni-PGM-Co Deposit. More drilling is required to establish an initial resource.

Donner Lake Pegmatites (Mayville Lithium Property)

10



Above: favorable exploration horizon extends for ~ 9 km along geologic contact

- Grid acquired historical pegmatite resource from Tanco in 2016
- Most exploration drilling in belt was completed in 1950's
- Known pegmatites are spodumene bearing and good grade.
- Most of target 9km geological contact is not explored as previously staked for base metals but now all owned by Grid.
- Grid may have opportunity to sell ore to Tanco Mine.

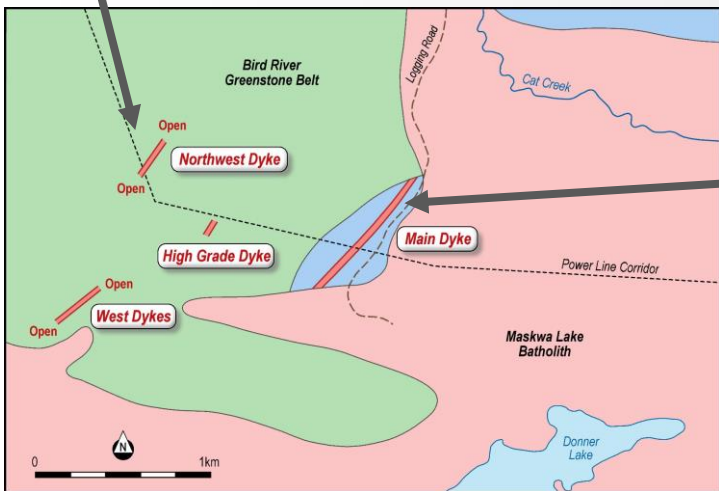
Mayville Lithium - Donner Lake Pegmatites

Drilling to target Resource Potential

11

Northwest Dyke Drilling - Violamac 4 Holes (Historical)

From	Width	Li2O
373 ft	14.3 '	1.23%
428 ft	28.2'	0.93%
205 ft	26.2'	1.52%
274 ft	27.3'	1.24%



Highlights

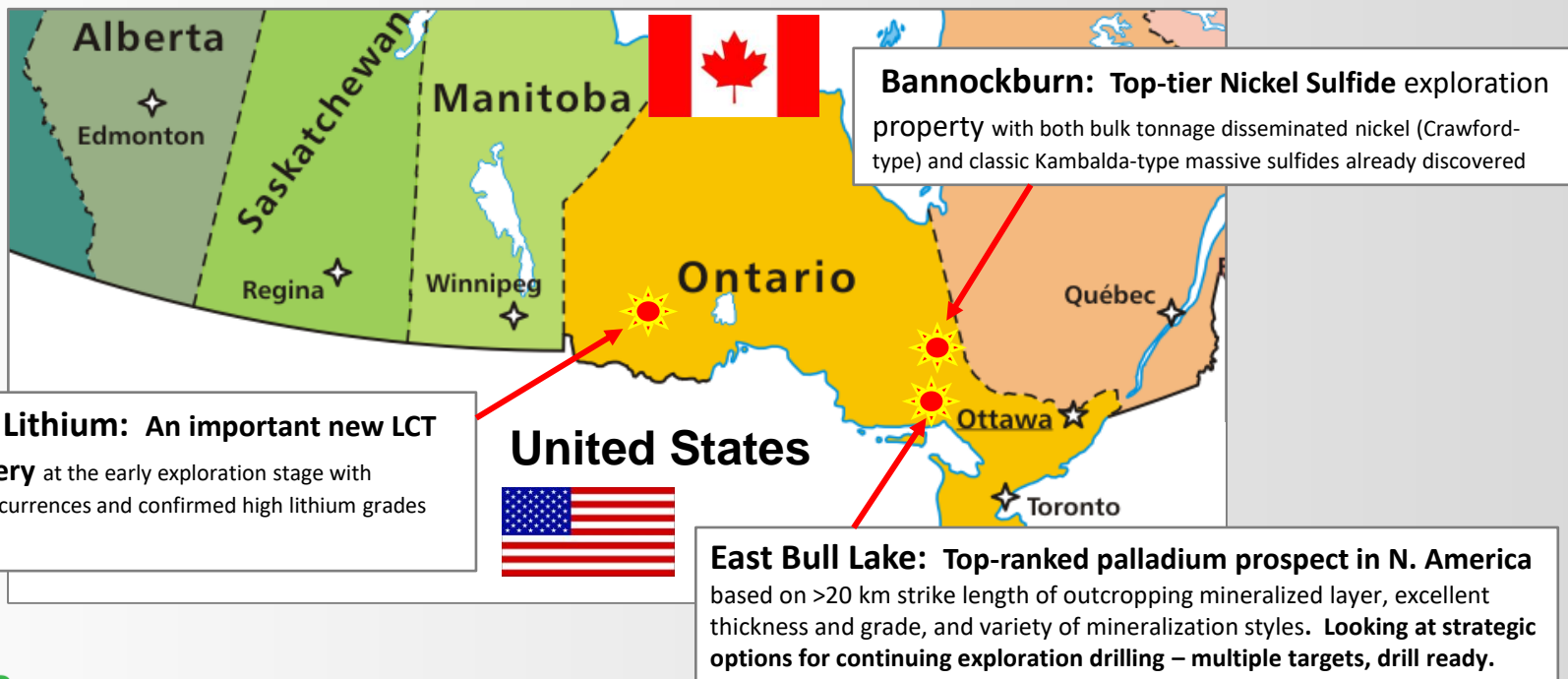
- Pegmatites at Donner Lake area are spodumene-bearing and enriched in lithium, tantalum, cesium and rubidium (LCT type)
- Two pegmatite dykes (Main and Northwest) have a historical, near surface resource of 3.8 million tons @ 1.28% Li₂O
- Main Dyke is >1 km long and open to southwest and at depth
- Northwest Dyke tested in 4 holes over 350m strike length; open in all directions.
- Surface grabs from Northwest Dyke assay over 3% Li₂O
- Only one assay from one drill hole at the West Dyke (1.60% Li₂O)

SELECTED 2018 MAIN DYKE DRILL RESULTS

Drill Hole	From (m)	To (m)	Interval (m)	Li2O (%)	Cs2O (%)	Rb2O (%)	Ta (ppm)	Fe (%)
MLI-18-01	14.68	18.48	3.80	1.7	0.05	0.42	133.6	0.13
MLI-18-03	78.67	84.08	5.41	1.5	0.05	0.42	142.3	0.70
MLI-18-04	99.7	102.98	3.28	1.7	0.04	0.33	124.0	0.19
MLI-18-07	75.50	78.88	3.38	1.8	0.03	0.42	174.2	0.10
MLI-18-08	66.98	69.88	2.90	1.5	0.03	0.45	179.9	0.12

Exploration-Stage Projects

12



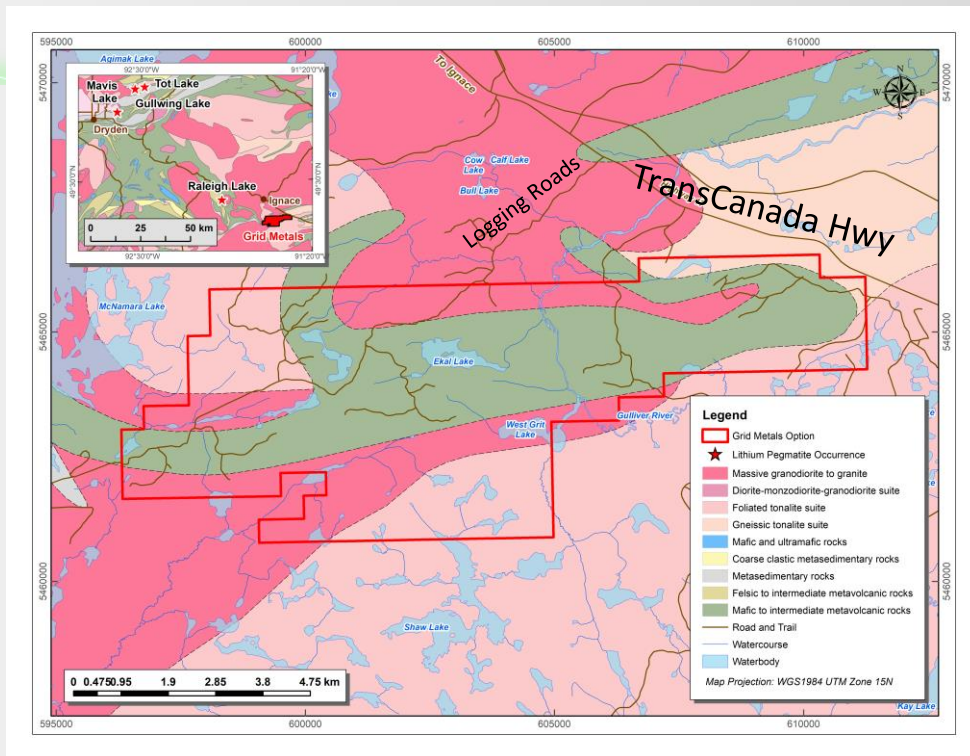
Campus Creek, NW Ontario

A New LCT Pegmatite Discovery

13

Campus Creek Property – Highlights

- Located directly adjacent to the TransCanada highway (Figure 1) and 250km NW of TBAY
- Claims cover ~15 km of prospective geological setting for rare metal pegmatites along a major structural boundary zone
- No previous lithium or rare metal exploration; a *bona fide* new discovery
- Multiple fertile granite and granite pegmatite dyke outcrops identified by geochemistry
- Outcropping spodumene- and lepidolite-bearing pegmatite with high-grade Li_2O contents in large dykes locally exceeding 1 km in length and 150m in width
- Low cost option to acquire 100% ownership (4 year option with \$205K cash payments, 650,000 shares and \$750k work commitment)



Above: Campus Creek property location, northwestern Ontario.

Campus Creek, NW Ontario

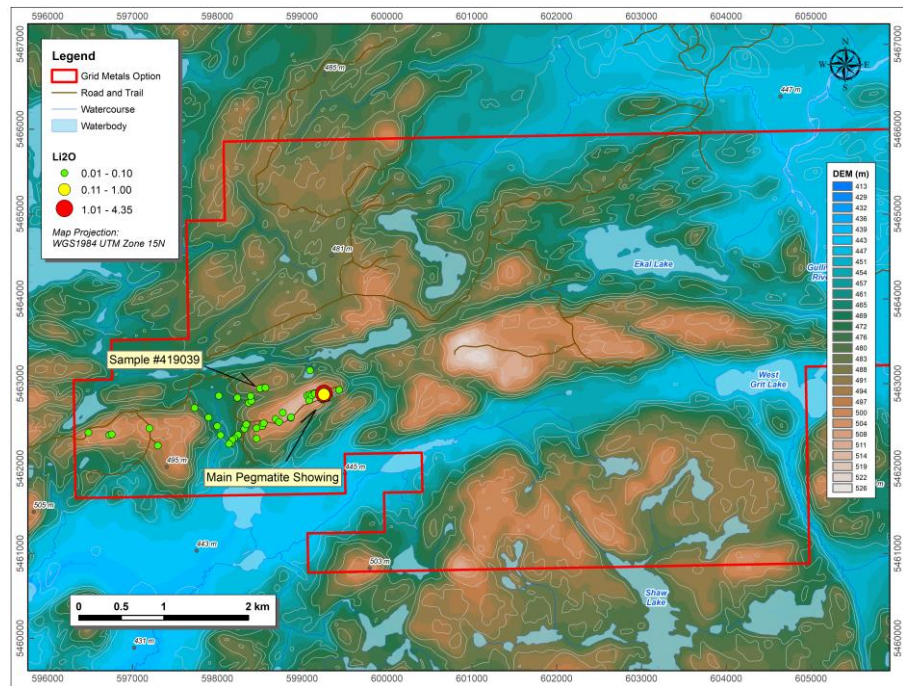
14



Left: Spodumene crystals from discovery outcrop. **Right:** Channel sampling at discovery outcrop.

Sample	Li2O (%)	Cs2O (%)	Rb2O (%)	Ta (ppm)	Fe (%)
B419026	4.35	0.01	0.03	88	0.54
B419085	1.50	0.08	0.19	179	0.49
B419088	1.42	0.18	0.45	304	0.45
B419027	0.88	0.12	0.45	71	0.37
B419089	0.68	0.09	0.28	227	0.89
B419103	0.22	0.02	0.11	33	0.53

Above: Analytical highlights from initial sampling at Campus Creek of the discovery outcrop .

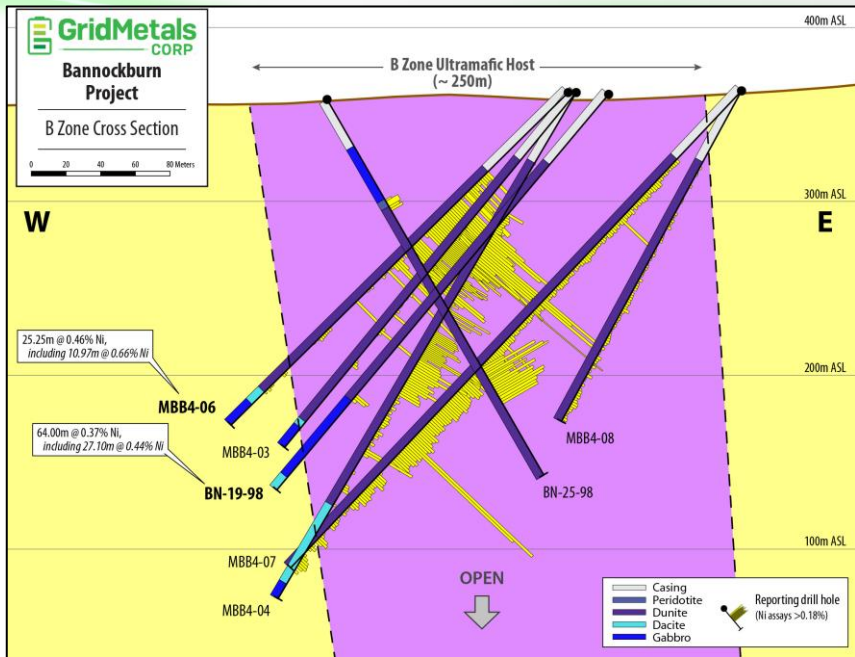


Above: Sample locations – August-September field program, Campus Creek lithium property.

Bannockburn Nickel Update

B Zone Bulk Tonnage Nickel Target

15



Above: Bannockburn Nickel location 100km south of Timmins ON

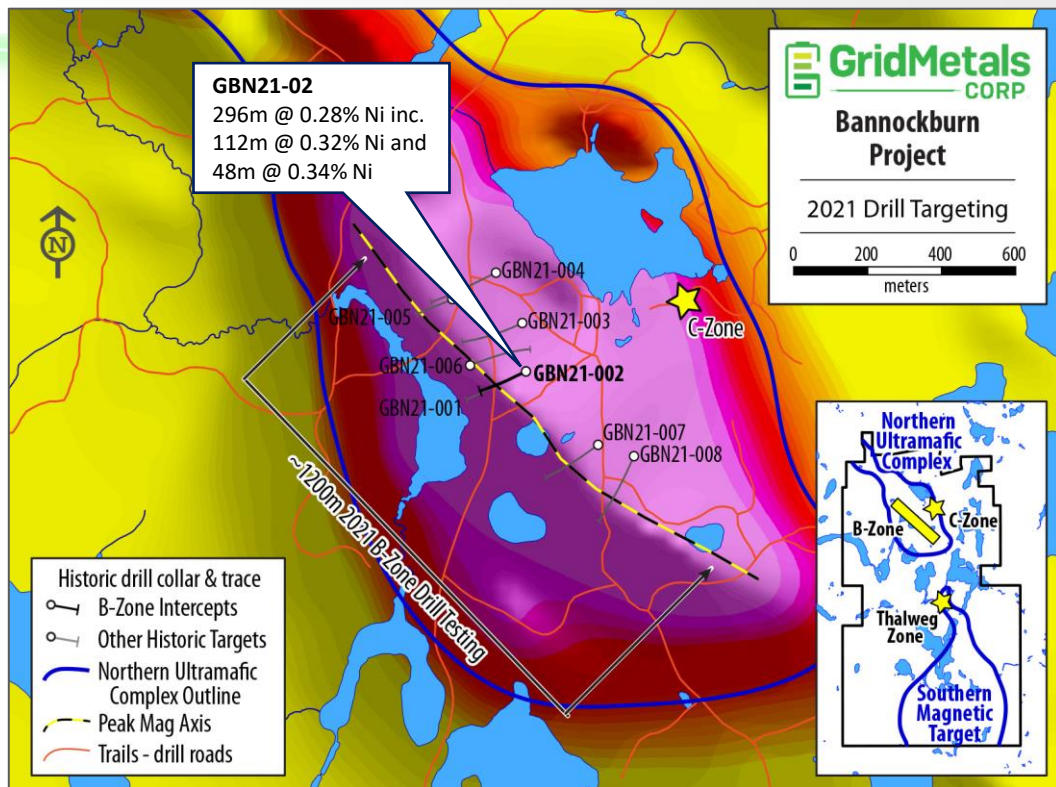
Property Profile

- Large property with two major ultramafic complexes ideally located in the Timmins Mining district; excellent infrastructure
- 100% held by Grid with 2% royalty due to Outokumpu Mining
- Current focus is on outlining a bulk tonnage **nickel sulfide** deposit in the B Zone (see cross section with historic drill intercepts on left)
- Nickel occurs as secondary-style sulfide mineralization with potential for **high grade nickel concentrate** (based on historical met work)
- Property also hosts Kambalda-type massive sulfides with grades up to 4% Ni and 5 g/t Pd (potential sweetener to future open pit on B Zone)
- Agreements with First Nations in place during exploration phase

Bannockburn Nickel Update

2021 Drilling Program

16



ABOVE: Magnetic map of the Northern Ultramafic Complex with historical drill hole locations intersecting the B Zone bulk tonnage nickel target.

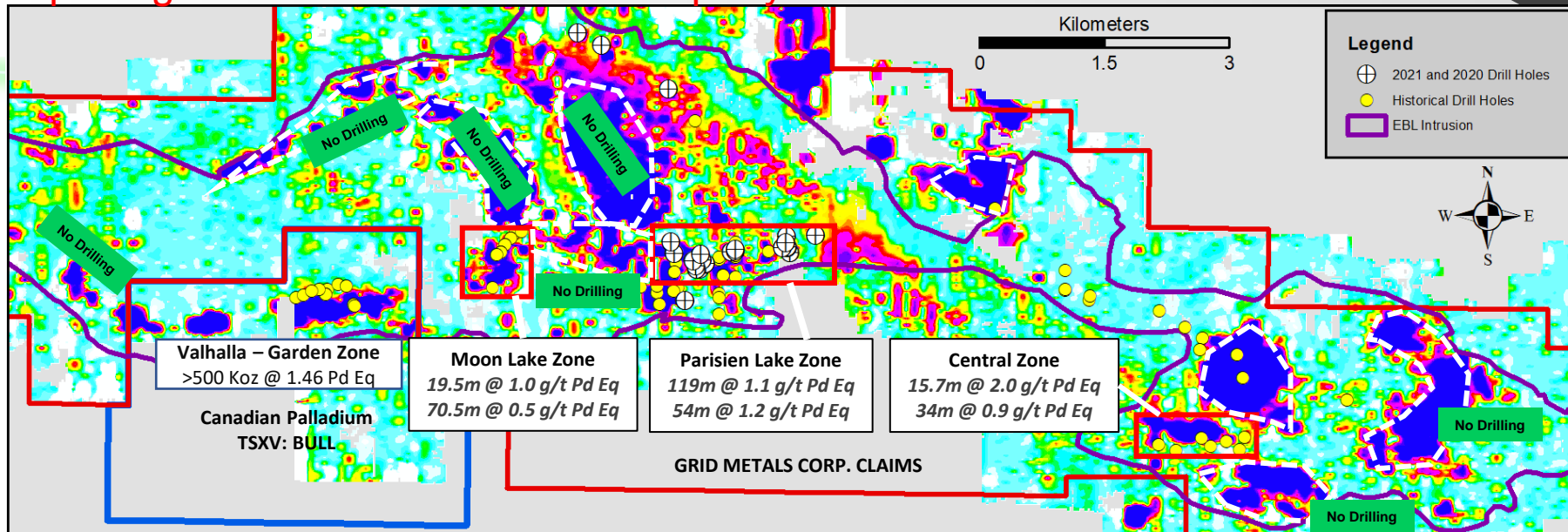
B Zone Drilling: Q2 2021

- Completed an 8 hole ~2,800 metre drill program at the B Zone target in June 2021
- Previous drilling in early 2000s had several wide intercepts of >0.3% Ni with a local higher-grade core
- Initial metallurgical test results indicated nickel was associated with heazlewoodite (74% nickel) which can make a very high concentrate grade (~30%)
- Keys for success in the current program are having consistent sulfide mineralogy (heazlewoodite) and thickness (>100m) of mineralized unit
- Overall initial objective is to define a >100 Mt open pit resource with over 200 Kt contained nickel in sulfide
- First hole to report intersected 296.5 metres* averaging 0.28% total nickel including a 112.0 metre section averaging 0.32% nickel with 48 metres of 0.34% Ni
- Very similar results to Main Zone at Canada Nickel's Crawford deposit

East Bull Lake Palladium Update

Exploring the Full Potential of the Property

17



ABOVE: Resistivity map of the East Bull Lake property with historical (yellow filled circles) and recent drill holes (white circles with crosses). Current target areas shown by dashed lines.

- Resistivity (low) anomalies (purple-pink) that are generally coincident with confirmed, mineralized Basal Layer
- Recent drilling focused on the Parisien Lake area with very limited, mainly shallow drilling on other areas of outcropping Basal Layer
- Several large anomalies a/w known mineralized trends (white dashed outlines) have either no drilling or inadequate drilling
- Recently completed 3 month field program will add a large amount of new assay data for untested targets and guide drill planning

Market Comps

Nickel Copper PGM Companies at Resource or PEA/PFS Stage

Company	Project	Mineral Resources	Contained Metal	Market Cap*	Contained Metal to Market Cap
Location / Stage	Commodities	Ni- Nickel; Cu-Copper; Pd- Palladium; Pt – Platinum; TPM= Pd+Pt+Au	US\$ Millions	CAD \$Millions	(multiplier)
				(at 11/08/2021)	
Grid Metals	Makwa Mayville	33.8Mt 0.27%Ni, 0.37%Cu (IND)	\$3,678	\$ 10	334 x
Manitoba / PEA	Ni-Cu-PGM-Co	5.9Mt 0.20% Ni, 0.43%C (INF)			
Talon Mining	Tamarack	3.9Mt 1.91%Ni, 1.02% Cu, 0.87g/t TPM (IND)	\$3,934	\$ 445	9 x
Minnesota / PEA	Ni-Cu-PGM-Co	7.1Mt 1.11%Ni, 0.68% Cu, 0.56 g/t TPM (INF)			
Blackstone Minerals	Ta Khoa	44.3Mt 0.52% Ni, 0.6% Cu, 0.2g/t TPM, (IND)	\$5,993	A\$ 198	30 x
Vietnam / PEA	Ni-Cu-PGM	14.3Mt 0.35% Ni, 0.01% Cu, 0.20g/t TPM (INF)			
Tartisan Nickel	Kenbridge	7.4Mt 0.65% Ni, 0.58% Cu, 0.008%Co (M&IND)	\$ 1,183	\$52	23 x
Ontario / PEA	Ni-Cu-Co	1.0Mt 1.00%Ni, 0.62%Cu, 0.003%Co (INF)			
Palladium One	LK Project	10.9 Mt 1.80 g/t Pd Eq (M&IND)			
Finland / Resource	PGM-Cu-Ni	10.9Mt 1.50 g/t Pd Eq (INF) website	\$ 2,002	\$ 54	37 x
Notes: Please refer to Company websites for full details. Contained metal based on Ni US\$8 lb; Cu US\$3.25lb; Pd US\$1725 oz; Pt US\$1100 oz. Cobalt US\$25 lb For illustrative purposes only. * Stockwatch					

Market Comps: Junior Lithium Companies

19

Company/ Project Location	Mkt Cap (Millions)	Project /Source	Production 6% SC per yr	Resources and Reserves
Critical Elements (TSX) Quebec	C\$319	Rose / July 2021 IR Presentation	236,500 (includes SC5%)	26.8 Mt @ 0.95% Li ₂ O_Eq. (reserve)
Core Lithium (ASX) Australia	A\$1,006	Finniss / 2021 DFS	173,000	7.3 Mt @ 1.3% Li ₂ O (reserve)
Sayona Mining (ASX) Quebec	A\$1,009	Authier / 2020 DFS	114,000	12.1 Mt @ 1.00% Li ₂ O (reserve)
Rock Tech Lithium (TSX) Ontario	C\$414	Georgia Lake / 2021 PEA	93,000	13.3 Mt @ 1.08% Li ₂ O (resource)

Above: Selected lithium developers with targeted production output and market cap values as of November 8, 2021.

Grid (Lithium) aspires to delineate an initial ~10 million tonne resource of +1% Li₂O at Mayville, including pit constrained surface resources and higher-grade u/g resources.

Near-Term Catalysts

20

1. Bannockburn drilling results – 7 of 8 holes on B Zone to be reported.
2. Closing of \$6 Million financing targeted for mid January 2022
3. Commencement of exploration and resource drilling at Mayville Lithium
4. Exploration drilling targeting new mineralized zones at Mayville base metal project
5. Other property and corporate updates

Reducing Carbon Emissions is Driving Global Metals Demand

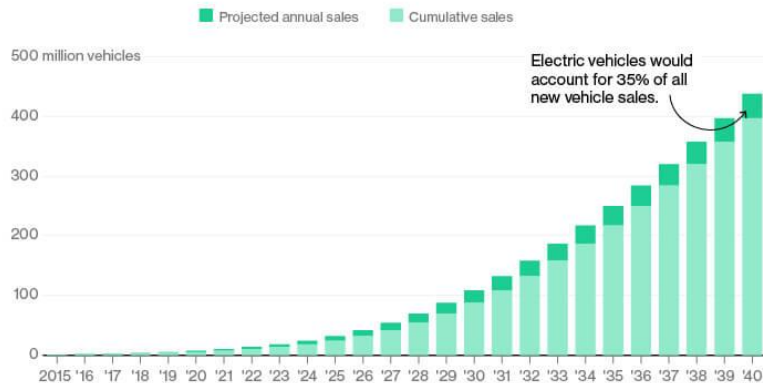
Nickel Copper Lithium and Cobalt Markets will see Significant Benefit

21

- Global CO2 levels are at record highs
- Transportation sector is ~ 20% of global emissions so a major focus of lower emissions requirements
- Electric vehicles (EV's) batteries use large amounts of metals
- New supply is required for many key metals
- Mining industry is now aware of need for new deposits and more investment
- Increasing investor interest in the metals sector

The Rise of Electric Cars

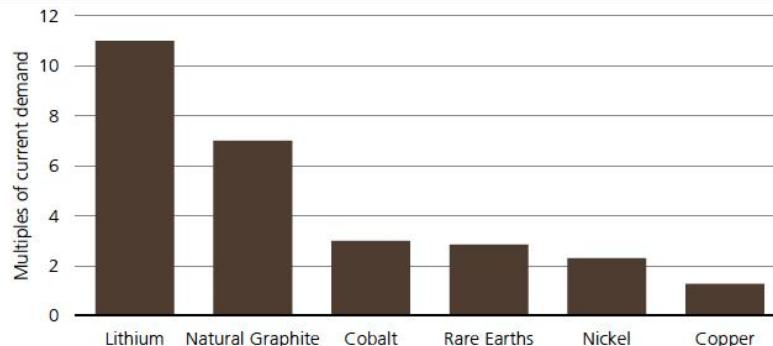
By 2022 electric vehicles will cost the same as their internal-combustion counterparts. That's the point of liftoff for sales.



Sources: Data compiled by Bloomberg New Energy Finance, Marklines

Bloomberg

Demand growth through to 2030e



Source: UBS.

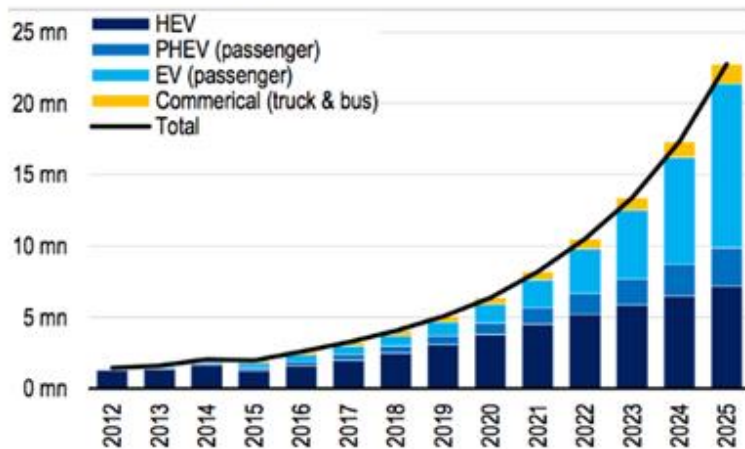
Above: increase in demand for key metals are measured by the size of the current market by 2030 !!



Key Driver of Green Metals Demand is Batteries

22

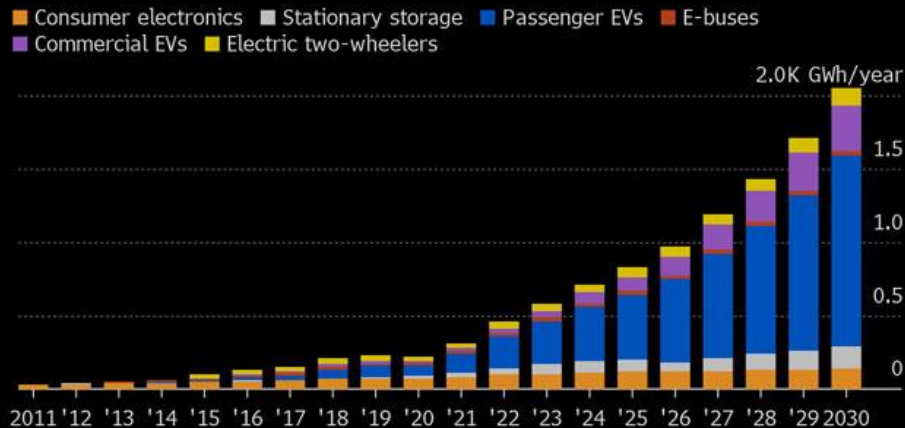
Growth in Electric Vehicles is robust...



Source: Roskill & UBS estimates. Chart shows EV sales in million units.

More Batteries Everywhere

Demand for lithium-ion batteries is forecast to surge after a virus-linked stumble in 2020



Source: BloombergNEF

Bloomberg

Lithium Markets: Demand and Price On the Ascent

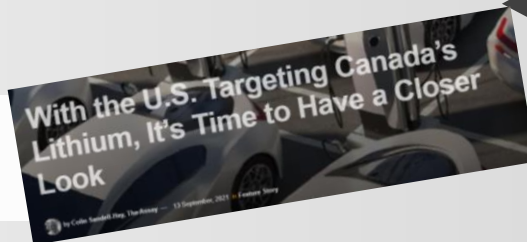
23



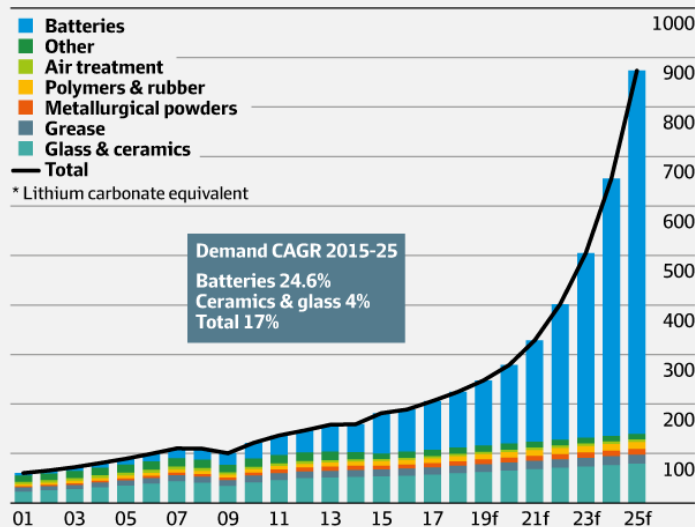
Credit Suisse's deficit estimate closely follow those of Macquarie's, but it stretched its forecasts out into 2024 and 2025, when the lithium deficit is forecast to be 117,000t and 248,000t, respectively.

Long-Term Perpetual Deficit

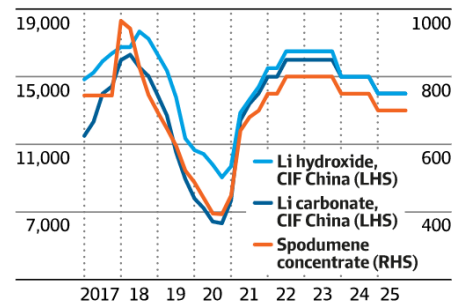
"In the longer term, we believe the lithium market is likely to be in a perpetual deficit," Macquarie said.



Lithium demand and UBS' forecasts (thousand tonnes per annum LCE*)



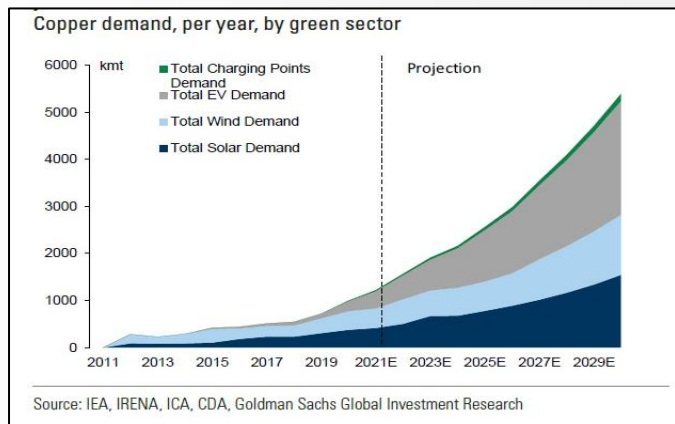
Price forecasts (\$US/tonne)



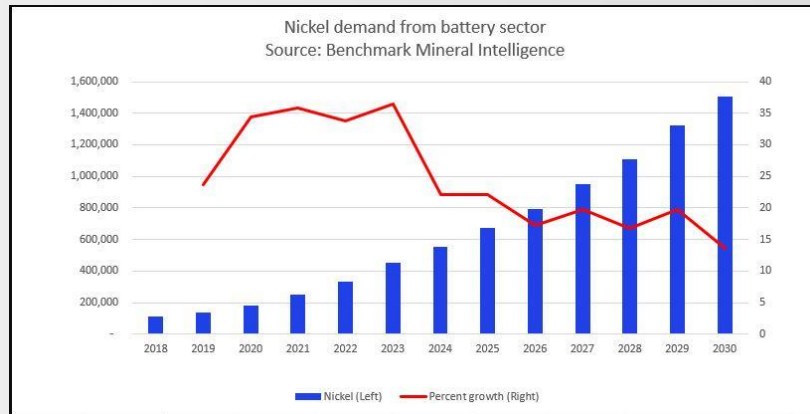
Nickel and Copper: Demand Growing with Green Tech

24

- Both metals will see a host of new uses and demand in the next 10 years
- Nickel has key use in battery technology for energy density and range
- Nickel to face ~ 1 mt tonnes new demand on a ~ 2.2Mt market by 2020
- Copper is a larger market with wider applications
- Copper demand will increase for EV charging infrastructure and other greentech such as solar and wind



Above: copper demand will come from a range of green-related uses in the next 10 years. The current size of the copper market is ~20 Mt per annum.



Above: nickel demand for expected EV batteries expected to significantly contribute to rise in nickel demand through 2030. The current market is 2.3 Mt per annum