Canada Nickel Company

Delivering the Next Generation of Nickel Sulphide Projects

March 31, 2021

www.canadanickel.com

Forward Looking Statements

This Presentation contains certain information that may constitute "forward-looking information" under applicable Canadian securities legislation about Canada Nickel Company Inc. ("**CNC**"). Forward-looking information includes statements about strategic plans, including future operations, future work programs, capital expenditures, discovery and production of minerals, price of nickel, timing of geological reports and corporate and technical objectives. Forward-looking information is necessarily based upon a number of assumptions that, while considered reasonable, are subject to known and unknown risks, uncertainties, and other factors which may cause the actual results and future events to differ materially from those expressed or implied by such forward-looking information, including the risks inherent to the mining industry, adverse economic and market developments. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. All forward-looking information contained in this Presentation is given as of the date hereof and is based upon the opinions and estimates of management and information available to management as at the date hereof. CNC disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.

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The scientific and technical information contained in this Presentation has been reviewed by Steve Balch, P. Geo, (VP Exploration) and a Qualified Person within the meaning of National Instrument 43-101.

Foreign Exchange Assumptions

All amounts discussed herein are denominated in CAD dollars unless otherwise specified.

Crawford Nickel-Cobalt Sulphide Project
Largest Discovery since early 1970s

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Nickel is poised for another supercycle driven by combination of continued high growth in stainless steel with significant new demand growth coming from EV sector.

Extrapolating their 3 TW battery or 20 MM EV targets, Tesla alone is expected to need 1+ Mtpa of nickel more than 50% of current nickel supply by 2030s

Nickel project pipeline outside Indonesia largely emptied during prior supercycle in mid-2000s and few nickel sulphide discoveries – last 1 Mt high grade sulphide discovery was Voisey's Bay in 1992.

Nickel supply has a "dirty nickel" issue - >100% of recent growth and bulk of future growth coming from Indonesian supply - NOT a solution for a number of consumers due to its massive carbon footprint, poor ESG performance, and integrated Chinese supply chains

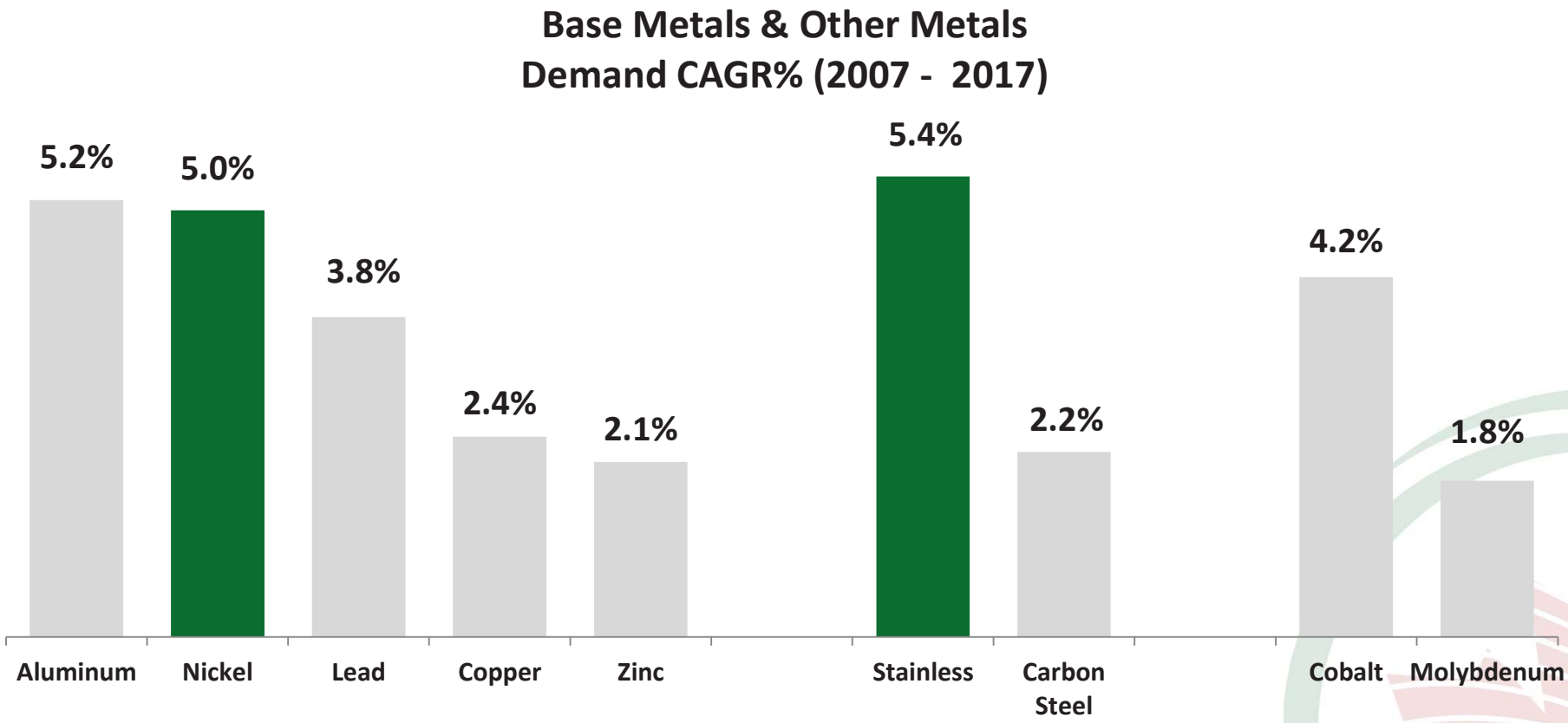
Canada Nickel's Crawford Nickel-Cobalt sulphide discovery was discovered in late 2018
Literally, adjacent to and underneath the highway just north of Timmins, Ontario

Crawford now the largest nickel-cobalt sulphide discovery since the early 1970s with only a fraction of the property explored – potential to be among the very largest nickel sulphide deposits *EVER*

Canada Nickel has launched wholly-owned NetZero Metals Inc. to develop zero-carbon production of Nickel, Cobalt and Iron - has applied for trademarks NetZero Nickel™, NetZero Cobalt™, NetZero Iron™

Nickel Demand
A Leader Among Metals

Nickel demand a leader among metals over the last decade (5%) driven by continued strong growth in stainless steel (5.4%). Both figures consistent/better than long-term trends



Source: Macquarie

Electric Vehicles to Drive Significant Demand Growth – 9.2 Mtpa by 2050

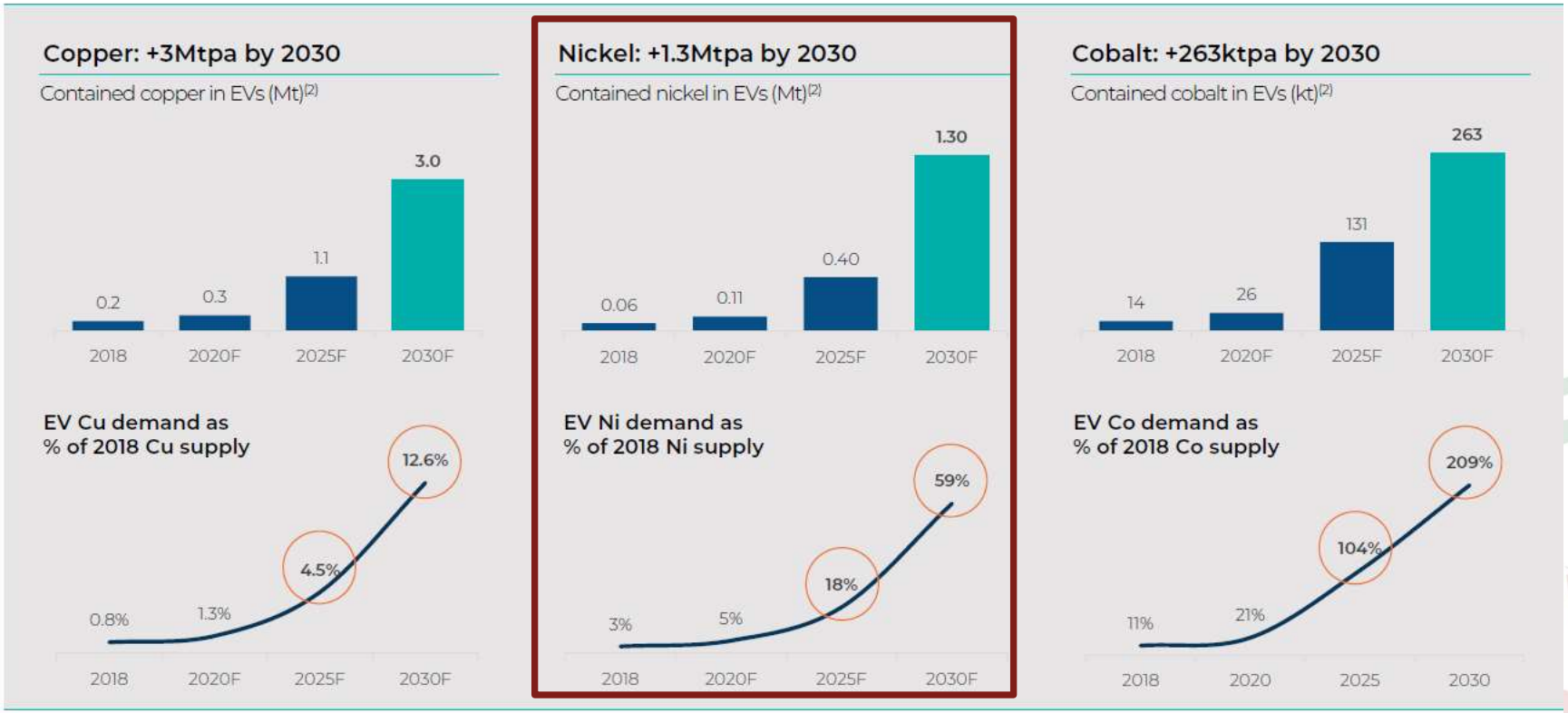
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Glencore presentations highlight massive growth expected in nickel demand.

***Please note that Tesla 3TW of annual batteries needs 1+ Mtpa alone* !!**

Electrification of transport relies on the large scale replacement of ICE with EVs

The mobility transition is a major new source of material demand: >140M EVs forecast on the road by 2030[1]



Bank of America Merrill Lynch
2019 Global Metals, Mining & Steel Conference

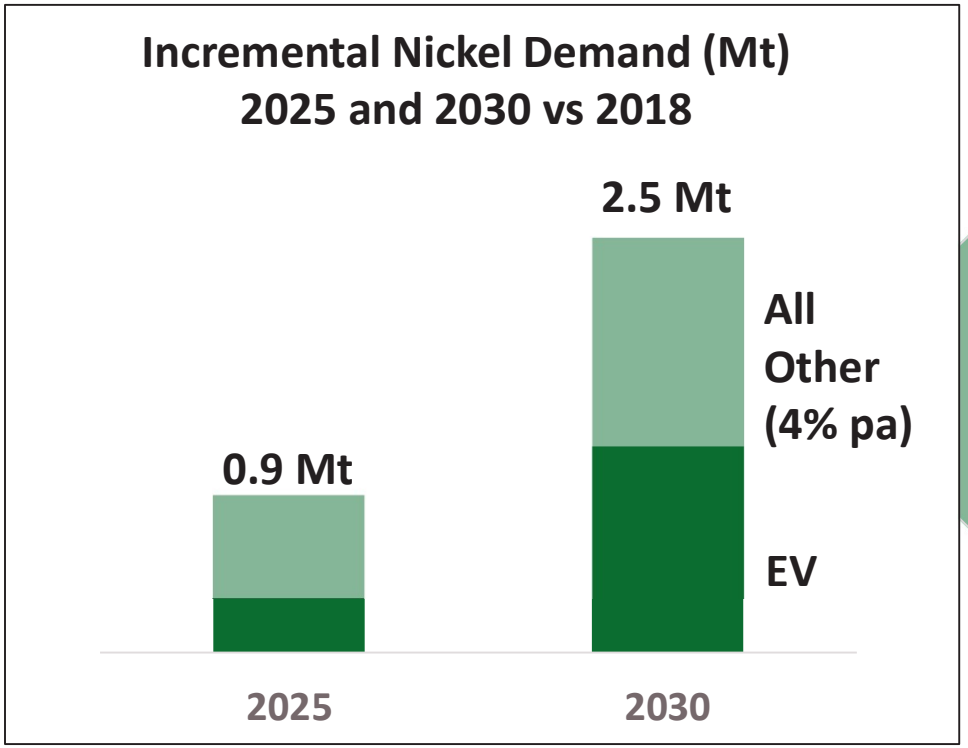
Source: (1) BNEF Long-Term Electric Vehicle Outlook 2018. (2) Glencore estimates, Wood Mackenzie, CRU, BNEF. Does not include the copper, nickel or cobalt required for other parts of the EV supply chain including charging infrastructure, energy storage systems, grid

GLENCORE

Nickel Demand
EVs Going to Multiply Demand Requirements

By 2025, EV + trend demand 4% growth (slower than 5% trend) requires nearly 1 Mtpa of new supply. By 2030, *2.5 million tonnes (or double today)* is required.

Outside of Indonesia, very little visibility on new supply



Where is new project supply going to come from?

- Laterites – HPAL?
- Laterites – FeNi?
- NPI?
- Sulphides?

Using copper as comparison,
adding 100% of current nickel supply is equivalent to adding 20 Escondidas

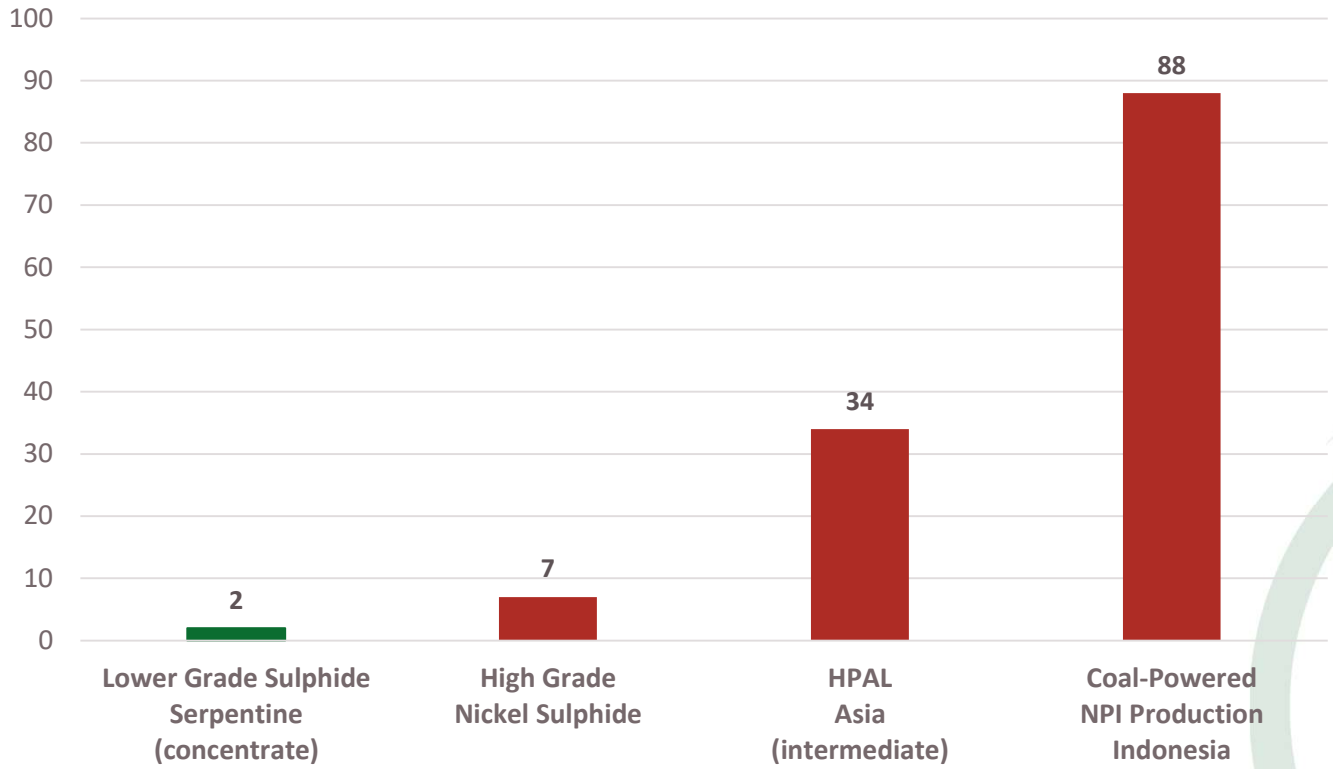
Source: CRU, CNC Analysis

Nickel Supply – Don't Fear Indonesia !
Carbon Footprint & Chinese Control Concerns

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Future supply has a "dirty nickel" issue - Indonesian supply will NOT be a solution for a number of consumers due to its massive carbon footprint. Other consumers will be deterred by integrated Chinese supply chains.

Estimated Carbon Footprint (tonnes CO_2/tonne of Nickel produced)
Selected Types of Nickel Production – Existing Projects/Producers

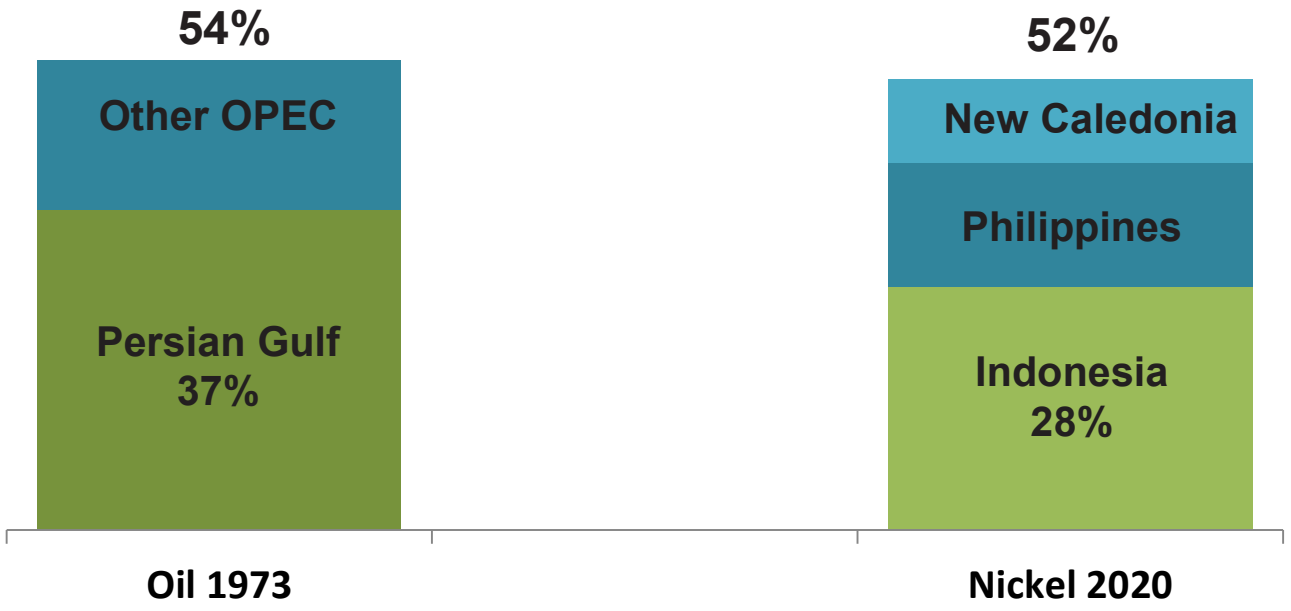


Source:
WoodMac Nickel Industry Costs, Canada Nickel analysis

Nickel Supply – Significant Political Risk
Is there an ONEC in our future ??

Nickel supply facing increasing political risk as Indonesia now dominates nickel supply growth. Just 3 countries are expected to control as much of the nickel supply as OPEC did of global oil supply at its peak in 1973

Nickel Supply Concentration (2020)
vs Oil Supply Concentration at OPEC peak (1973)

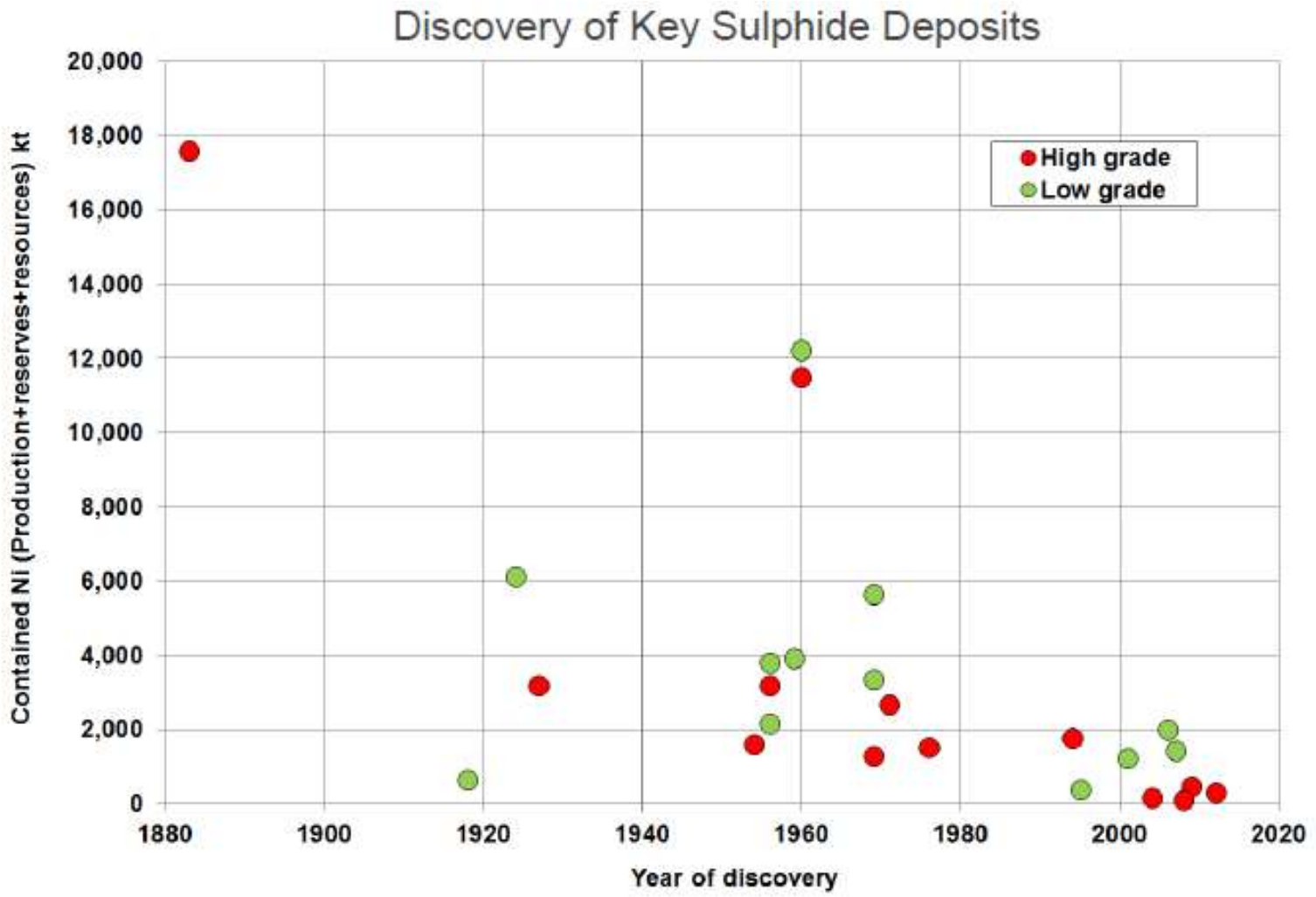


These 3 countries:

- Face revenue shortfalls
- Have intervened directly into mining sector

Source: U.S. EIA, Canada Nickel analysis

Nickel Sulphide Discoveries
A Fraction of Scale of Prior Generations



Source: Vale presentation at the Metal Bulletin 3rd International Nickel Conference , London, April 29, 2015

New Nickel Supply
Sulphides – Few High Grade Discoveries

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Nickel sulphides an attractive source of nickel production

- Sulphides have a number of inherent advantages over laterites
  - Typically standard mine/mill facilities utilizing commonly used technology.
  - Inherently less energy intensive
  - Less capital intensive as smelting/refining facilities don't always need to be constructed – can ship a concentrate
  - Lower carbon footprint

- ***However, last 1+ Mtpa high grade sulphide discovery was Voisey's Bay in the early 1990s***

- Best discoveries in last decade (Nova Bollinger, Sakatti) are too small to move the needle
  - ***Each of their ENTIRE resource only 1-2 quarters of potential Tesla nickel consumption by 2030***

New Nickel Sulphide Discoveries Have Been Acquired at Significant Valuations

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	Voisey's Bay	Cosmos	Multiple Mines	Nova Bollinger
Acquisition Value & Year	**C$4.5 B** (1996)	**A$3.1 B** (2007)	**C$6.8 B** (2007)	**A$1.8B** (2015)
Share Price Accumulation	**37x**	**58x**	**6.5x**	**15x**
Reserve (Mt)	0.9	0.09	1.4	0.27
Resource (Mt)	2.1	0.5	4.4	0.3
Production (kt)	50	12	34	26

New Nickel Supply

Low Grade Sulphides An Attractive New Source

Large scale, low grade nickel sulphides are an attractive potential source of large volumes of nickel outside Indonesia

Obviously would be better if grades were higher …

However, they have a number of significant advantages:

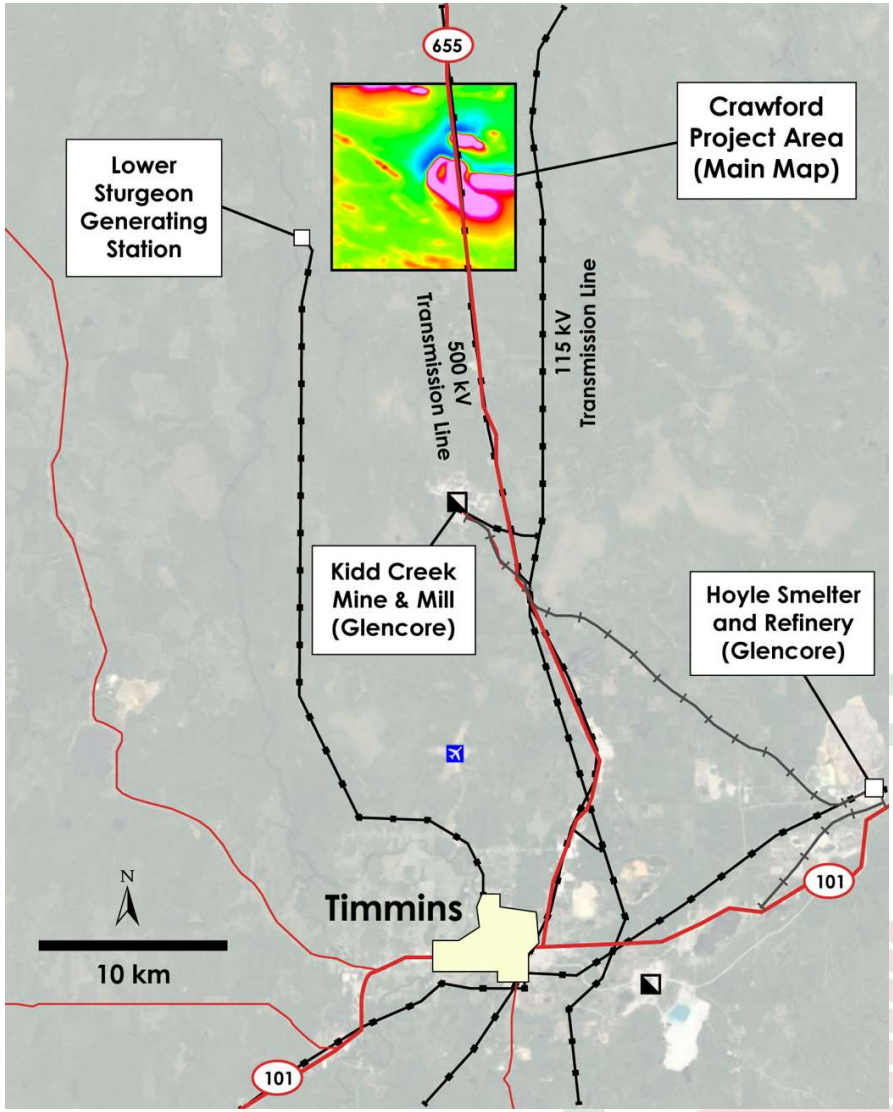
- **Large Scale – several deposits with 2+ million tonnes of contained nickel**
- **Scaleable production – typically open pit mine/mill operation readily expanded**
- **Potential for zero/low carbon footprint particularly where zero carbon hydroelectricity available**
- **Many located in low political risk jurisdictions**
- **Some deposits (like Crawford) proximate to significant infrastructure**

Crawford Nickel-Cobalt Sulphide Discovery

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Located in a well-established mining camp with infrastructure

- Largest nickel sulphide discovery since early 1970s
- World class jurisdiction Ontario, Canada
- Established Timmins mining camp with 100 year history of mining
- Adjacent to all major infrastructure
- Active permitting and development of mines



Crawford Mineral Resource

Crawford's resource ranks as one of the 10 largest nickel sulphide resources globally

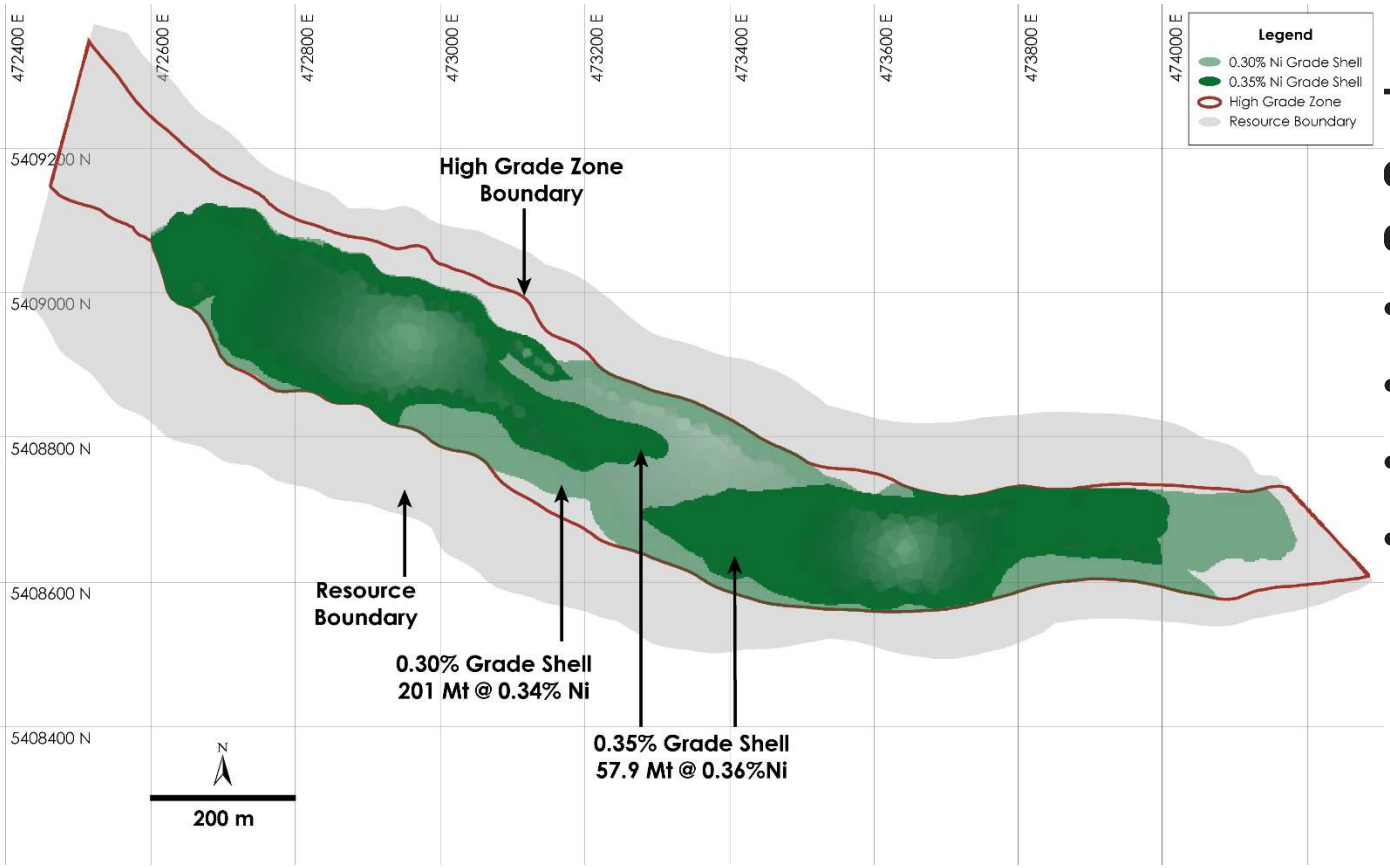
- Higher grade core of M&I Resource of 280 Mt at 0.31% Ni, 0.013% Co, and 0.04 g/t Pd + Pt within an overall M&I resource of 653 Mt at 0.26% Ni and 0.013% Co
- Higher grade inferred resource of approximately 110 Mt at 0.29% Ni and 0.013% Co within an overall inferred resource of approximately 497 Mt at 0.24% nickel and 0.013% cobalt

Mineral Resource Estimate									Contained				
DOMAIN	CLASS	TONNES (Mt)	Ni (%)	Co (%)	Fe (%)	S (%)	Pd (g/t)	Pt (g/t)	Ni (kt)	Co (kt)	Fe (Mt)	Pd (koz)	Pt (koz)
MAIN HIGHER GRADE ZONE	Measured	151.7	0.32	0.013	6.25	0.20	0.029	0.012	482.2	19.9	9.5	141	57
	Indicated	128.6	0.30	0.013	6.37	0.16	0.027	0.013	391.8	16.5	8.2	111	52
	Mea+Ind	280.2	0.31	0.013	6.31	0.18	0.028	0.012	873.9	36.4	17.7	252	108
	Inferred	109.9	0.29	0.013	6.66	0.09	0.026	0.013	315.0	14.0	7.3	93	47
MAIN LOWER GRADE ZONE	Measured	62.5	0.22	0.013	6.83	0.05			135.1	8.2	4.3		
	Indicated	263.2	0.21	0.013	6.90	0.04			557.0	34.6	18.2		
	Mea+Ind	325.6	0.21	0.013	6.89	0.04			692.1	42.9	22.4		
	Inferred	210.2	0.21	0.013	6.87	0.06			444.9	27.1	14.4		
EAST ZONE	Measured	25.8	0.26	0.012	6.02	0.04			67.4	3.2	1.6		
	Indicated	21.8	0.26	0.013	6.20	0.04			56.2	2.7	1.3		
	Mea+Ind	47.5	0.26	0.013	6.11	0.04			123.6	6.0	2.9		
	Inferred	176.7	0.24	0.013	6.63	0.04			423.5	22.6	11.7		
TOTAL	Mea+Ind	653	0.26	0.013	6.58	0.10	0.028	0.012	1,689.6	85.2	43.0	252	108
	Inferred	497	0.24	0.013	6.74	0.06	0.026	0.013	1,183.3	63.8	33.5	93	47

- Mineral Resource Estimate prepared by Caracle Creek International Consulting Inc., in accordance with the National Instrument 43-101 ("NI 43-101") and CIM Definition Standards on Mineral Resources and Reserves, with an effective date of December 11, 2020.
- Reference is made to the full CNC technical report dated January 17, 2021, available on www.sedar.com.
- Mineral resources that are not mineral reserves do not have demonstrated economic viability.

Higher Grade Core – Crawford Main Zone Clearly Defined in Resource

A higher grade core of 201 Mt of 0.34% Ni including 58 Mt at 0.36% was defined within resource. Remains open to the west.



The higher grade core has been defined for:

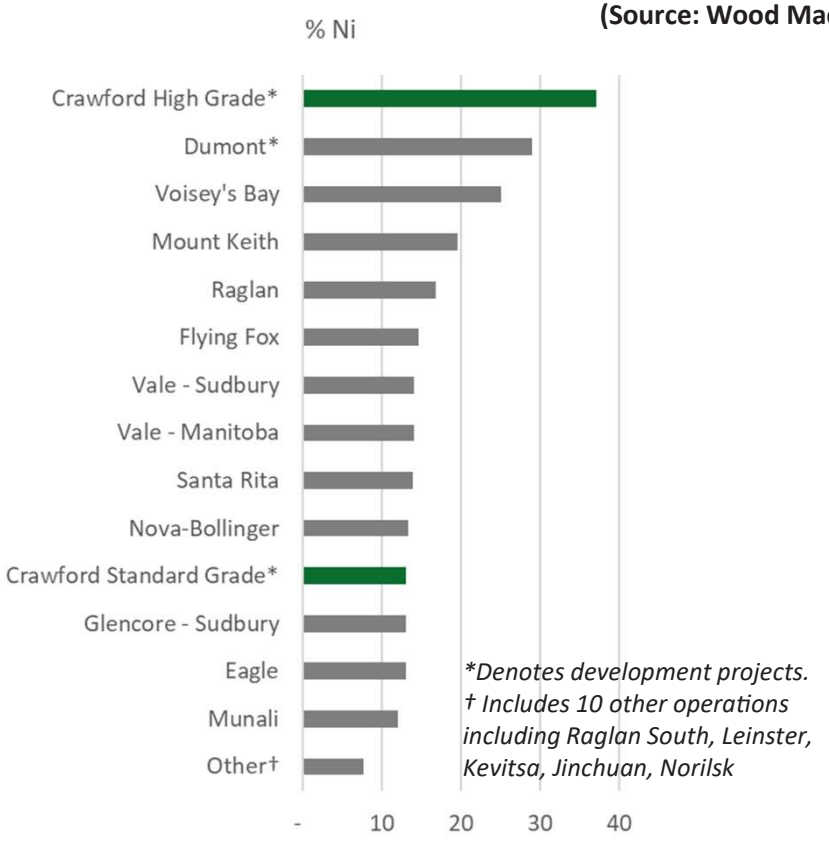
- **1.8 km long**
- **150-220 m wide**
- **Up to 650 m deep**
- **Infill hole CR20-42 averaged 0.42% Ni**

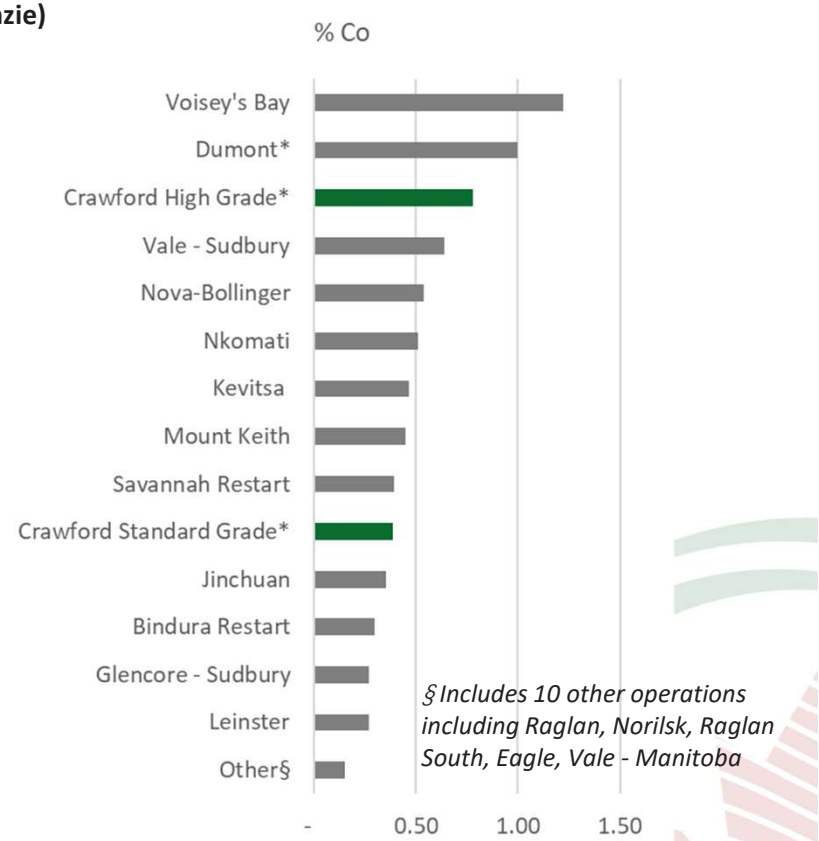
Refer to Canada Nickel Company's press release dated October 21, 2020 for more information.

Excellent Initial Metallurgy Results

Initial metallurgical testing confirmed excellent nickel recovery of 46%, 51% and 52% from the first 3 locked cycle tests using conventional flowsheet similar to other ultramafic deposits

2020 Concentrate Grade (% Ni and % Co) for Global Nickel Sulphide Operations/Projects Compared to Crawford Nickel-Cobalt Project (Source: Wood Mackenzie)





- Recent test results confirm ability to utilize 180 micron grind (versus 150 micron) – 15% less energy/more throughput
- Results also confirm ability to deliver a target 45-50% iron magnetite concentrate with focus on maximizing recovery rather than grade as expected to be processed locally. Substantial iron credit – samples recovered 15X and 30X iron to nickel

Ground-breaking MOU Signed with Local First Nations

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Canada Nickel has entered into Memorandum of Understandings with Taykwa Tagamou Nation and the Matachewan and Mattagami First Nations.

"Our community favours a development project like Canada Nickel's that provides a positive economic impact, minimal environmental impacts with a commitment to deliver NetZero products, and has the foresight to engage with Taykwa Tagamou during the early stages of development." – ***Chief Bruce Archibald, Taykwa Tagamou Nation, December 16, 2020***

"…happy to be forging a strong and mutually beneficial relationship with Canada Nickel on their promising Nickel-Cobalt Project." – ***Chief Jason Batisse, Matachewan First Nation, December 14, 2020***

"Mark is genuinely committed to responsible and sustainable development, and our community appreciates being engaged in the early planning stages of the project." – ***Chief Chad Boissoneau, Mattagami First Nation, December 14, 2020***

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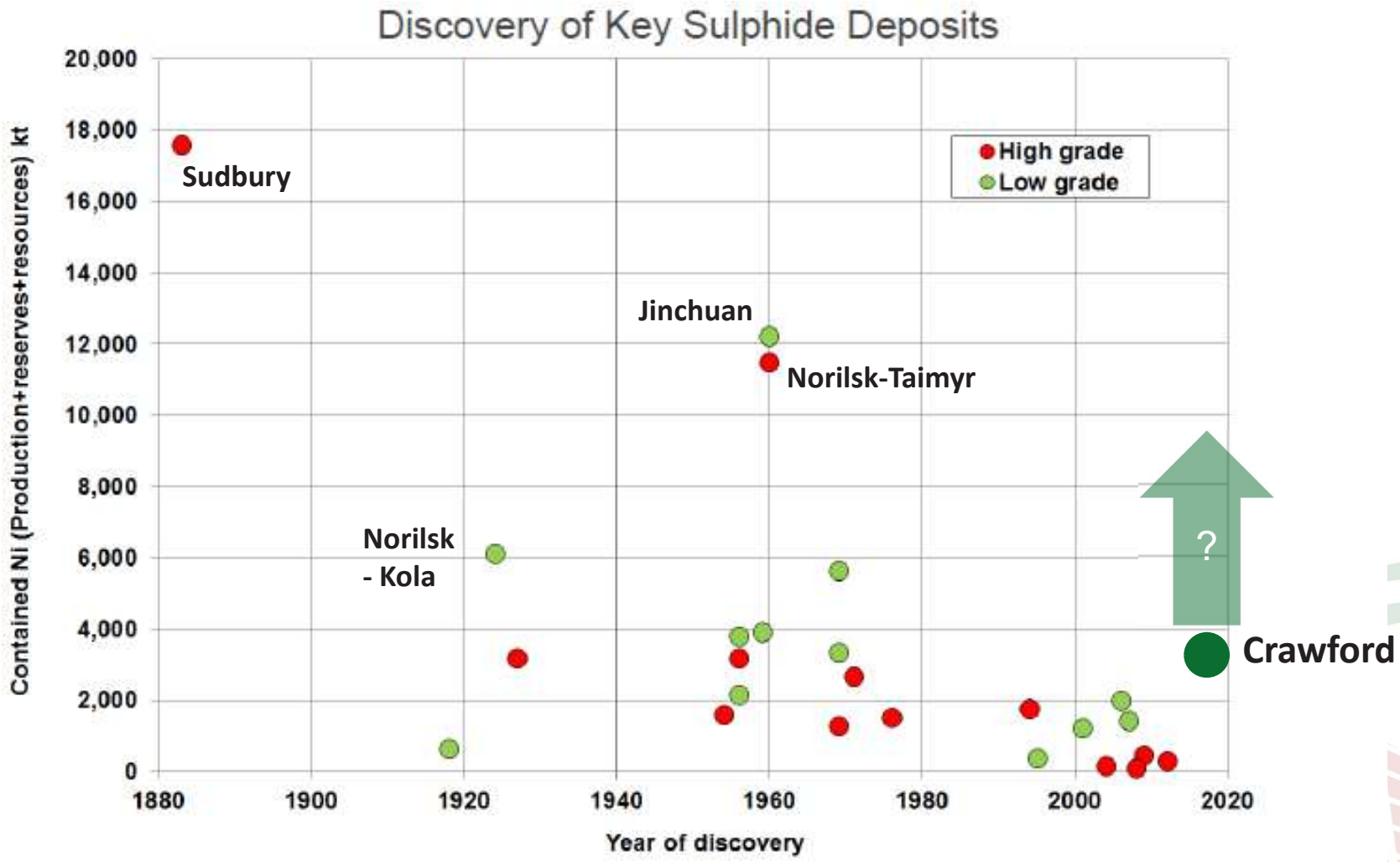
Refer to Canada Nickel TSX-V Announcements dated December 14 and December 16, 2020

MOU Signed for Potential Use of Glencore Kidd Concentrator & Met Site

The opportunity to utilize the excess capacity and existing infrastructure at the Kidd Met Site provides the potential to allow a faster, simpler, smaller scale start-up of Crawford at a vastly lower capital cost while the Company continues to permit and develop the much larger scale project currently being contemplated

- MOU signed for potential use of Glencore's Kidd concentrator and metallurgical site ("Met Site") in Timmins, Ontario for the treatment and processing of material mined from Crawford approximately 40 km away
- Canada Nickel has completed an initial high-level assessment and will now proceed with a detailed study on the potential for upgrading excess capacity at the Kidd Concentrator and/or utilizing the existing infrastructure in place at the Kidd Met Site for milling and further processing the nickel-cobalt and magnetite concentrates that are expected to be produced from Crawford.
- Should the study deliver a positive outcome for both parties, the parties will continue good faith negotiations towards a binding agreement.
- This detailed study is expected to be completed by the end of March 2021.

Crawford Largest Sulphide Discovery Since Early 1970s With Significant Upside



Source: Vale presentation at the Metal Bulletin 3rd International Nickel Conference , London, April 29, 2015

Significant Exploration Potential
>50% Crawford Remaining + 7 New Targets

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7 separate nickel-bearing target structures 30km of total strike length and 150 - 600m wide on option properties

- For reference, the Crawford Main Zone resource is 1.7 km long and 225-425 metres wide

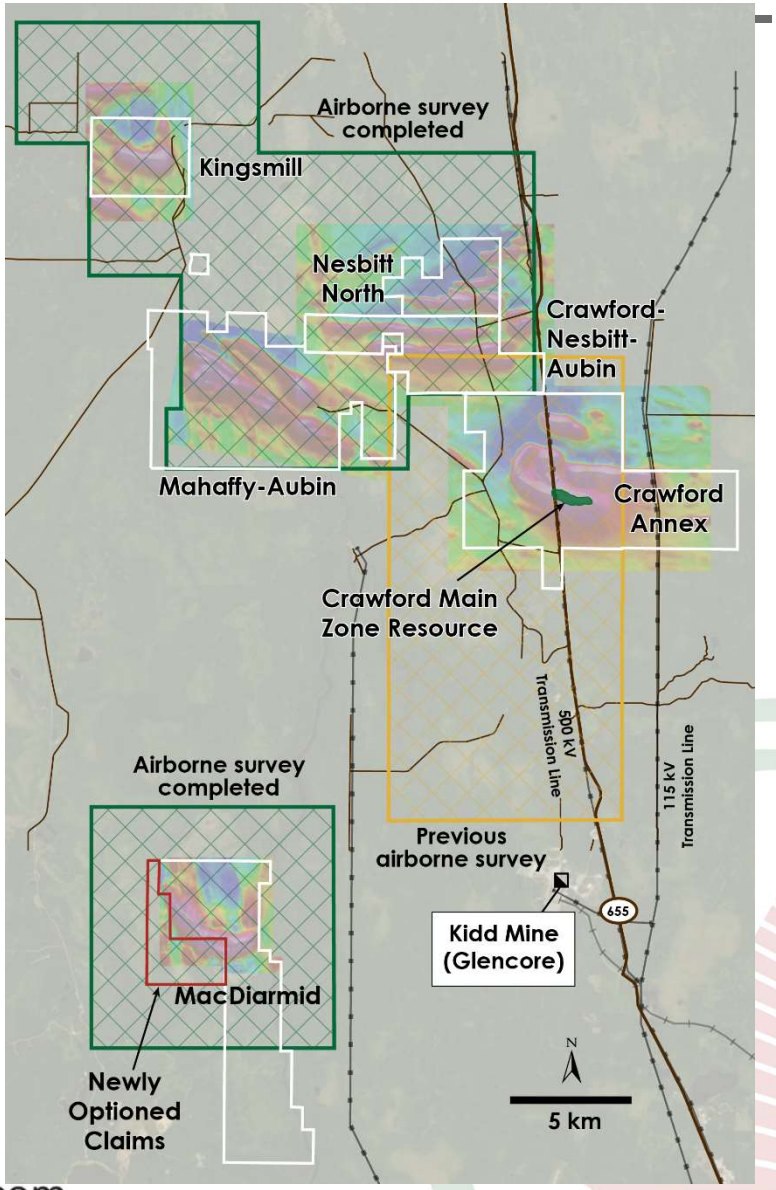
Historic drilling yielded nickel-bearing intersections on all of the target structures

- Kingsmill – 0.30% Ni over of 503m from 118m in historic hole KML-12-02 (2012) and 0.31% Ni over 302m from 20m in historic hole 27090 (1966)
- Nesbitt-North – 0.28% Ni over of 163m from 233m in historic hole 27083 (1966)
- Mahaffy-Aubin – 0.23% Ni over of 127m from 82m in historic hole 31901 (1966) and of 276m of serpentinized ultramafic mineralization (similar host mineralization at Crawford) in historic hole T2-80-2 (1980) with no assays provided

PGM-enriched structures similar to Crawford also identified at Kingsmill

- 1.0 g/t PGM over 2m from 96m within 0.3 g/t PGM over 30m from 69m in historic hole KML-12-11 (2012), 0.8 g/t PGM over 5m from 523m within 0.5 g/t PGM over 24m in historic hole KML-12-07 (2012)

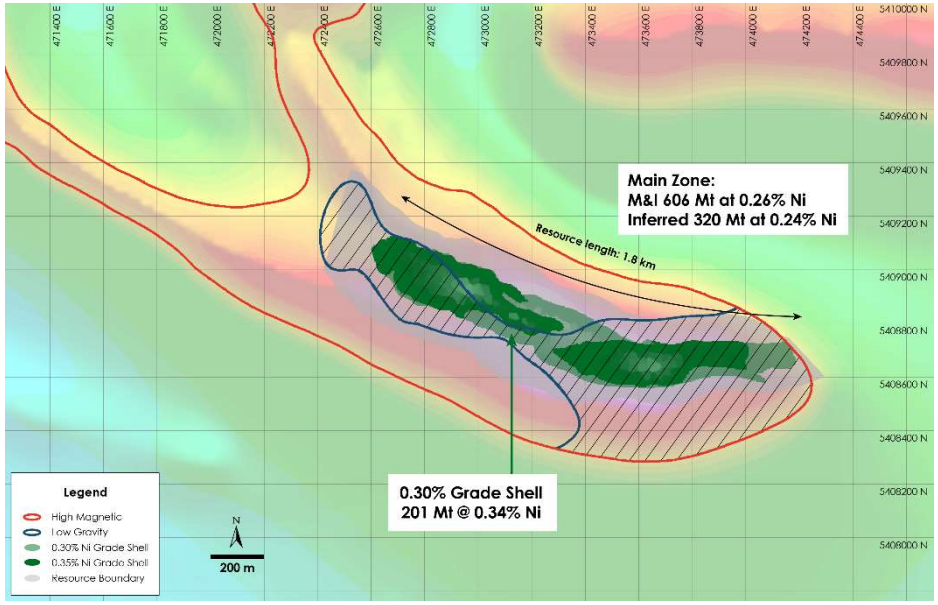
Airborne magnetic and gravity survey totalling 2,731 l-km currently underway.

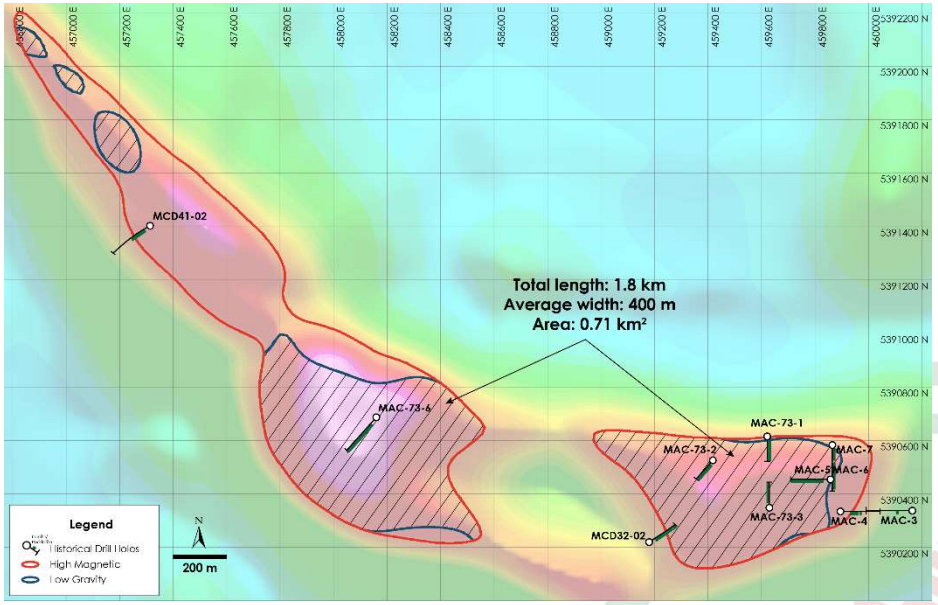


MacDiarmid – 15% Larger Anomaly Than Crawford Main Zone

Initial geophysical results and review of historical exploration work has generated a number of excellent targets including MacDiarmid where high quality coincident anomaly is 15% larger than original Crawford Main Zone target

Plan view of Crawford and MacDiarmid Properties – Outline of Gravity Low and Magnetic High geophysics anomaly overlain on total field magnetic intensity





- All 7 historical holes at MacDiarmid drilled entirely within the target coincident anomaly intersected dunite or peridotite (the mineralized host rock at Crawford) across the bulk of the core length, and indicated presence of magnetite and sulphides in abundances consistent with that seen in Crawford core logs – critical to the formation of nickel sulphide minerals.

Refer to Canada Nickel TSX-V Announcements dated February 17, 2021

NetZero Metals
NetZero Carbon Production Potential

A number of key technologies are being explored to develop a Zero-Carbon footprint operation

Mining

- Utilization of electric rope shovels and trolley trucks which utilize electricity, rather than diesel fuel, as a power source wherever possible
- Deposition approaches for waste rock and tailings during mining to expose the serpentine rock to air to allow this material to absorb CO_2 through natural mineral carbonation (exact amount and rate at which CO_2 can be absorbed from materials mined at Crawford will be analyzed during upcoming phases of work)

Milling

- Large scale processing of lower grade sulphide ores utilizes a significant amount of electricity - local proximity to hydroelectricity provides the potential to minimize carbon emissions for this stage of production.

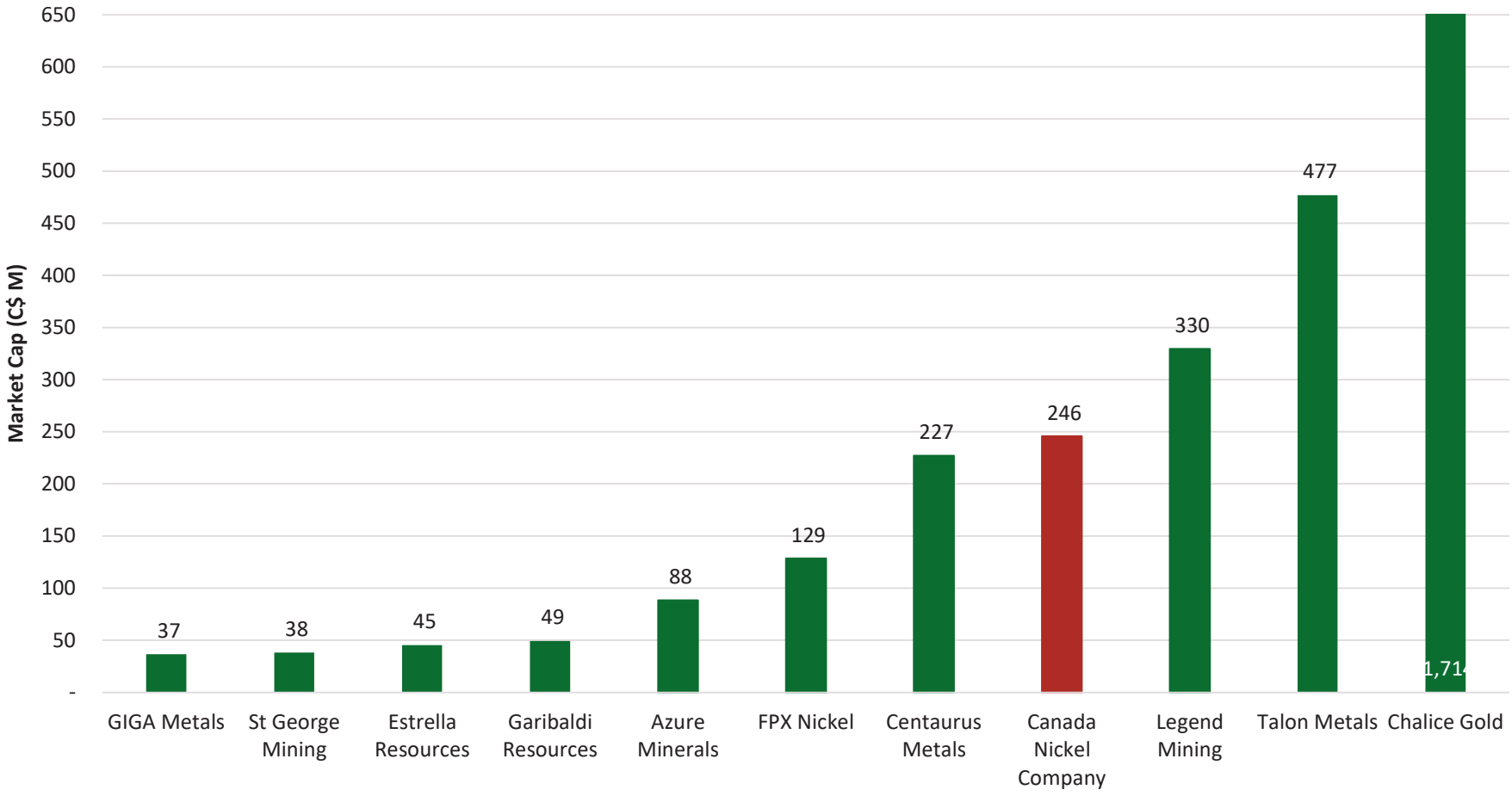
NetZero Metals - Nickel-Cobalt Concentrate Processing

- Existing pyrometallurgical processes such as roasting, sulphation roasting, and reduction using electric arc furnaces (utilizing natural gas rather than coke or coal as a reductant) with the offgases captured and re-routed to allow the CO_2 be captured by the waste rock and tailings
- Existing hydrometallurgical processes to produce nickel and cobalt products such as the Albion or other similar processes, which generate minimal off-gases to produce nickel and cobalt products. The off-gases will again be captured and treated to ensure CO_2 and SO_2 emissions are minimized.

NetZero Metals - Magnetite Concentrate Processing

- Production of iron products utilizing existing direct reduced iron (DRI) processes or reduction in electric arc furnaces utilizing natural gas

Canada Nickel
Undervalued Versus its Peers



Ni Project	Turnagain	Hawaii	Carr Boyd	E&L	Andover	Decar	Jaguar	Crawford	Mawson	Tamarack	New Julimar
Ownership %	100	100	100	100	60	100	100	100	70	60	100
Year Discovered	2004	2012	2020	1966	1986	2010	2019	2019	2019	2007	2019

As at March 30, 2021

Why Invest in Canada Nickel?

Canada Nickel (CNC) owns 100% of the Crawford Nickel-Cobalt Sulphide project:
A new nickel discovery with large scale potential in an established mining camp adjacent to existing infrastructure north of Timmins, Ontario, Canada.

- One of the top 10 nickel sulphide resources globally, with significant expansion potential
- Initial metallurgical testing confirmed excellent nickel recovery of 46%, 51% and 52% from the first 3 locked cycle tests using conventional flowsheet design. Latest testing show 15% less grinding energy required
- Nickel mineralization in Crawford extended to Main, East, West and North Zones, with total strike length of ~7 km. New target from MacDiarmid option property 15% larger than original Crawford Main Zone
- Groundbreaking, mutually beneficial MOUs signed with local First Nations
- Canada Nickel has launched wholly-owned NetZero Metals Inc. to develop zero-carbon production of Nickel, Cobalt and Iron - has applied for trademarks NetZero Nickel™, NetZero Cobalt™, NetZero Iron™

Canada Nickel is completing a PEA on the Crawford Project by April 2021, FS by year-end 2021

- MOU signed with Glencore to examine potential to use Kidd Creek mill and met site to allow faster, significantly lower capital cost startup. Work to be completed during Q1 2021

Canada Nickel is well timed – nickel appears to be entering a supercycle which occur every 15-20 years.

- Prices should remain at relatively high levels for an extended period to incent new supply to meet already strong demand growth further accelerated by substantial requirements from electric vehicles

Nickel has limited investible opportunities

- Prior supercycle in 2005-2007 largely emptied project pipeline outside Indonesia.