

**CANADA NICKEL COMPANY—CRAWFORD NICKEL SULPHIDE PROJECT  
CRAWFORD PROJECT - PRESENTATION AND ENGAGEMENT ACTIVITIES  
COCHRANE DISTRICT SOCIAL SERVICES ADMINISTRATION BOARD MEETING REPORT**

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MEETING INFORMATION	
DATE	June 18 <sup>th</sup> , 2021
TIME	10:30am to 12:00am
LOCATION	Videoconference—MICROSOFT TEAMS
PARTICIPANTS	Cochrane District Social Services Administration Board (CDSSAB)
	<input type="checkbox"/> Brian Marks, Chief Administrative Officer
	<input type="checkbox"/> Andy Blomberg, Director Housing Services
	<input type="checkbox"/> Jean Carriere, Director Emergency Medical Services
CANADA NICKEL	<input checked="" type="checkbox"/> Pierre-Philippe Dupont, Vice President Sustainability
FACILIATION	<input checked="" type="checkbox"/> Isaac Gauthier, Facilitator – Transfer Environment and Society (TES)
OBJECTIVES	<input type="checkbox"/> Present the Crawford Project, the Preliminary Economic Assessment (PEA) and Canada Nickel’s proposed preliminary engagement process <input type="checkbox"/> Discuss participant interests, expectations, and concerns regarding the Crawford Project and the proposed preliminary engagement process
MEETING HOLDER	Canada Nickel Company
AGENDA	<ol style="list-style-type: none"> <li>1. Canada Nickel Overview</li> <li>2. Why Nickel &amp; Crawford Project Overview</li> <li>3. First Nation Partnerships</li> <li>4. Federal Impact Assessment Process</li> <li>5. Community &amp; Stakeholder Engagement</li> <li>6. Preliminary Project Timeline</li> <li>7. Next Steps</li> </ol>

## MEETING HIGHLIGHTS

ISSUES AND CONCERNS	
✓ <b>CDSSAB</b>	<input type="checkbox"/> Workforce availability and Canada Nickel’s need for a fly-in/fly-out workforce
✓ <b>CDSSAB</b>	<input type="checkbox"/> Canada Nickel’s workforce requirements putting pressure on local housing availability and affordability
✓ <b>CDSSAB</b>	<input type="checkbox"/> Social impacts of a mining project

SUGGESTIONS	
✓ <b>CDSSAB</b>	<input type="checkbox"/> Partnership potentials regarding local core issues, including housing, health, local workforce availability, and emergency services
✓ <b>CDSSAB</b>	<input type="checkbox"/> Offer support and insight regarding Canada Nickel’s community and stakeholder engagement plan
✓ <b>CDSSAB</b>	<input type="checkbox"/> Offer support regarding the project’s development and integration into the local community, including with regards to emergency management and services

FOLLOW-UPS	
✓ <b>Canada Nickel</b>	<input type="checkbox"/> Share the meeting presentation and the Expectations & Interests Questionnaire

GENERAL COMMENTS	
✓ <b>CDSSAB</b>	<input type="checkbox"/> Recognition of Canada Nickel’s proactiveness regarding engagement early in the project’s development

## 1. INTRODUCTION & ROUNDTABLE

Pierre-Philippe Dupont, Vice-President Sustainability at Canada Nickel initiates the meeting with a brief introduction of his background leading up to his position at Canada Nickel. He continues with an overview of the meeting’s objectives and agenda.

The participants are invited to introduce themselves during a brief roundtable, where they give a brief overview of the Cochrane District Social Services Administration Board (CDSSAB). They mention that it delivers core services to many communities in North-Eastern Ontario, including employment services, childcare services, financial services, housing legacy programs, and property management, notably with local mining companies. The participants mention that it is appreciated that Canada Nickel desired to initiate a conversation and engagement early in the process, as there are many opportunities for collaboration and partnerships. It is mentioned that because Timmins is a mining town, there are many partnerships with local mines and mining activities, including health and emergency services.

Mr. Dupont openly invites the participants to share questions or comments at will during the presentation. He further mentions that the presentation will be shared electronically after the meeting, along with an anonymous questionnaire. For details regarding the presentation, please refer to the Appendix.

No further questions or comments are raised by the participants.

## 2. CANADA NICKEL OVERVIEW

Mr. Dupont provides the context regarding the Canada Nickel Company, the full owner of the Crawford Project, and how the deposit was identified. He highlights the company's intention of being a new generation and benchmark mining proponent, with regards to the project's environmental and social impacts, economic benefits, and proactive engagement with the community.

Mr. Dupont briefly shares details about the company's board and management team, including some of its past successful projects, namely the Dumont Project and the Detour Lake Project. He further highlights the importance of Environmental, Social and Governance (ESG) management on the Company's board, which he mentions is core to Canada Nickel's identity.

No questions or comments are raised by the participants.

## 3. NICKEL & CRAWFORD PROJECT OVERVIEW

Mr. Dupont mentions that there is growing demand for nickel, as it is an important component of existing and future electric vehicle (EV) battery development. Canada Nickel believes that this will create strong demand for the metal, in part because of the government intentions regarding electric transportation and the energy transition. Mr. Dupont adds that the current demand for nickel already surpasses existing supply because of the growth in the stainless-steel industry. Hence, nickel is likely entering a "super cycle", which Canada Nickel will try to meet and fill the expected gap in the nickel supply.

Mr. Dupont mentions that the Crawford deposit will be among the least greenhouse gas (GHG) intensive nickel projects, partly because of the project's design but also because of the local geological signature (low-grade nickel sulphide deposit). He mentions that most of the nickel being produced is from Asia and is considered less sustainable because it is produced with coal. He mentions that these characteristics make Canada Nickel a strong contender to meet global demands for sustainable nickel, especially in the context of little increase to nickel supplies in the short or medium term, as expected by major mining proponents like Glencore.

Mr. Dupont locates the Crawford Project according to the Highway 655 and the Kidd Creek Mine, approximately 30 kms north of Timmins. He adds that Crawford is only one project among other potentially interesting deposits that are owned by Canada Nickel. The project will necessitate a partial displacement of the Highway 655 and the two existing powerlines in the area. He adds that because of the existing local infrastructure (roads, rails, water supply and power supply) and rich mining history in Timmins, Canada Nickel is well positioned to have a successful mining project, without any mining camps. He further adds that Canada Nickel has a memorandum of understanding with Glencore to potentially use the Kidd Creek mill. The company is specifically looking to use a mill line as a pilot plant, prior to building the main project.

He mentions that to the contrary of local gold projects, Canada Nickel's waste rock and tailings would not turn acidic when exposed to oxygen, since they are one of the few known permanent carbon sinks. Canada Nickel will

look to optimize this natural phenomenon to reduce its GHG emissions. This is one of the major ways Canada Nickel is looking at to make the Crawford Project carbon neutral.

In terms of the project, Mr. Dupont mentions that it would be the largest base metal plant in Canada, at an eventual total of 120 000 tonnes per day, and one of the five largest nickel mines in the world. To this effect, the recent Preliminary Economic Assessment (PEA) has demonstrated that the project has robust economics, since larger scale nickel projects are generally more feasible. With the addition of other local deposits, the mine’s life could extend beyond 40 years. He mentions that other opportunities could also be further added to the project’s feasibility, like downstream processing for nickel salts or a stainless-steel plant, which would further improve the project’s economics.

Mr. Dupont presents the project layout, including the various planned infrastructure. He highlights the large footprint, reiterating that the project will likely be the largest open pit mine in the country. He finally mentions that the layout is preliminary and will likely change as Canada Nickel’s intention is to minimize its footprint by increasing the mine’s compactness.

Mr. Dupont reiterates that even without being carbon neutral, the Crawford Project will still be on the lowest end of GHG emissions for nickel production in the world. To achieve net-zero emissions, Canada Nickel is currently analyzing different avenues, including mine electrification and the optimization of the carbonation process (local geophysical signature as a carbon sink). A partnership with Queens University has been established regarding the latter point.

QUESTIONS AND INTERVENTIONS		ANSWERS
<b>Q &amp; I 1</b>	<p>A participant asks if Canada Nickel has had any considerations regarding workers settling in the area, compared to the usual fly-in/fly-out approach.</p> <p>The participant adds that there have been efforts to develop skilled trades locally, to benefit the community and produce lower costs for mining proponents. He mentions that there will be mutual benefits to work together to solve the issue of having a local qualified workforce.</p>	<p>Mr. Dupont answers that the project is still in its early stage, which is why Canada Nickel is initiating early engagement to identify and discuss these issues.</p> <p>He adds that Canada Nickel will need to evaluate the various issues and challenges regarding housing and other social impacts in the Impact Assessment Process, as such, today’s discussions are preliminary.</p> <p>He further mentions that Canada Nickel will look to maximize local benefits, even by potentially paying a premium to ensure they are shared locally in return for fast, efficient, and customized support. He mentions that local benefits go beyond direct suppliers, but also indirect services, like restaurant businesses, etc.</p>

<b>Q &amp; I 2</b>	<p>A participant asks what the size of the planned workforce will look like.</p> <p>The participant further mentions that with the current status quo, Canada Nickel’s workforce requirements will put a lot of pressure on local housing, which will affect local affordability and low-income housing availability. He asks if Canada Nickel has considered this issue.</p>	<p>Mr. Dupont answers that in terms of construction, if we use the Dumont numbers, it should peak to around 1200 workers. During operations, it should peak at 500 workers.</p> <p>He further mentions that the project is in the early stages of its development and this topic will be comprehensively analysed. He mentions that so far, the issue of housing has been preliminarily assessed as very important to the project and will be further developed throughout the Impact Assessment and Canada Nickel’s engagement activities.</p>
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#### 4. FIRST NATION PARTNERSHIPS

Mr. Dupont presents the current partnerships with local Indigenous Nations, namely with Matachewan First Nation, Mattagami First Nation and Taykwa Tagamou Nation. He mentions that negotiations with Matachewan and Mattagami, both part of the Wabun Tribal Council, are within the framework of a traditional Impact and Benefit Agreement, which is aimed to be signed within the next year. The Wabun Tribal Council is very familiar with this process, as they have signed many such agreements in the past.

For Taykwa Tagamou Nation, the community has chosen a non-traditional business approach with Canada Nickel by providing electricity and financing the hauling fleet for the project. Overall, Mr. Dupont mentions that the discussions and negotiations have been positive and constructive. Discussions are ongoing regarding the framework within which local Indigenous groups will manage the preparation of the relevant documents and reports that will feed into the Crawford Project’s Impact Assessment.

No questions or comments were raised by the participants.

#### 5. FEDERAL IMPACT ASSESSMENT PROCESS

Mr. Dupont mentions that the Crawford Project will likely trigger both the federal Impact Assessment Process and the Ontario approval process, but the company will only need to do one Impact Assessment, under the federal process. He adds that the Impact Assessment will be comprehensive and address various topics and issues related to the project, including its social-economic and health determinants (for example, housing, substance abuse, project impacts on vulnerable populations. The process also gives more opportunities regarding Indigenous and community engagement. He mentions that Canada Nickel’s team is familiar with these requirements, as they have been in use in Quebec for many years, despite the relative novelty of the federal process.

Mr. Dupont further mentions that Canada Nickel has already initiated environmental baseline studies with its consultants, with many ongoing and/or planned over the summer.

No questions or comments were raised by the participants.

## 6. COMMUNITY & STAKEHOLDER ENGAGEMENT

Mr. Dupont reiterates that Canada Nickel is looking to initiate a benchmark project, similar or better to what the team accomplished in terms of engagement with the Dumont Project in Quebec. He adds that the success of such an endeavour will largely depend on the quality of its engagement activities with the community and stakeholders and how those activities meet local expectations and interests. He gives the example of a community

Mr. Gauthier presents the proposed pre-consultation approach to build a community-validated Engagement Plan and the upcoming engagement steps over the Summer and into the Fall.

No questions or comments were raised by the participants.

## 7. PROJECT TIMELINE & NEXT STEPS

Mr. Dupont presents the overall Project Timeline, highlighting its ambitiousness and fast pace. He mentions that the Impact Assessment Process will last at least three years and could last up to five or six.

Mr. Dupont mentions that a new community relations resource will soon join the team, which will ensure a more local presence from Canada Nickel in the area. He further mentions that he will also look to be in Timmins as much as possible once the public health context allows for it.

QUESTIONS AND INTERVENTIONS		ANSWERS
<b>Q &amp; I 3</b>	<p>A participant mentions that because of the size and scope of Canada Nickel's project, it will likely have significant impacts on the local community. He asks what Canada Nickel has initiated so far regarding this topic.</p> <p>A participant mentions that Canada Nickel and the CDSSAB may work closely regarding various issues and topics. The participant gives the example of emergency services which are often developed closely with mining proponents.</p>	<p>Mr. Dupont answers that the project is still in its early stage, which is why Canada Nickel is initiating early engagement to identify and discuss these issues.</p> <p>He adds that Canada Nickel will need to evaluate the various issues and challenges regarding housing and other social impacts in the Impact Assessment Process, as such, today's discussions, while preliminary, are important.</p> <p>Mr. Dupont mentions that he will work on emergency response plan and will appreciate their support on that topic.</p>
<b>Q &amp; I 4</b>	<p>The participant highlights the importance of proactive community engagement to identify the various issues and concerns and address them early on in the process.</p>	<p>Mr. Gauthier highlights the importance of this type of support and insight, mentioning that it will be very useful in designing the Community and Stakeholder Engagement Plan, to ensure it is well tailored to the local expectations, interests and needs.</p>

	<p>He further proposes to help Canada Nickel with its engagement activities, as there are potential roadblocks, ahead.</p> <p>He mentions that the CDSSAB will be able to provide insight on how best to approach engagement in the community.</p>	<p>Mr. Dupont agrees with the previous statement and thanks the participant for his support.</p>
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Mr. Dupont thanks the participants for their time and the meeting ends.

# APPENDIX I PRESENTATION





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# Canada Nickel – Crawford Project

*Delivering the Next Generation  
of Nickel Sulphide Projects*

June 2021





# Cautionary Statements & Disclaimer

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.

This Presentation has been completed by CNC. Certain corporate projects referred to herein are subject to agreements with third parties who have not prepared, reviewed or approved this Presentation. The Presentation is not intended to reflect the actual plans or exploration and development programs contemplated for such projects.

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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.



- Roundtable & Canada Nickel Overview
- Why Nickel?
- Crawford Nickel Sulphide Project
  - Preliminary Economic Assessment (PEA) Highlights
  - Crawford Site Layout
  - Low Carbon Footprint
  - Environmental and Social Impact Management
- First Nation Partnerships
- Federal Impact Assessment Process
- Community & Stakeholder Engagement
- Preliminary Project Timeline
- Next Steps





- Full ownership of the Crawford Nickel-Cobalt Sulphide Project near Timmins, Ontario.
- Highly experienced management team with leading nickel expertise.
- Successfully permitted Dumont Project in Quebec, with Royal Nickel.
- Intends to be a new generation and benchmark mining proponent:
  - Environmentally Positive
  - Economically Positive
  - Socially Conscious
  - Proactive Community and Indigenous Engagement



# Board and Management Team



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<p><b>David Smith</b> <i>Director</i> P.Eng., C.Dir.</p>	<ul style="list-style-type: none"> <li>• Senior VP, Finance and CFO of Agnico Eagle Mines Limited;</li> <li>• Chartered Director, Director of Sprott Resource Holdings</li> </ul>	<p><b>Mark Selby</b> <i>Chairman, CEO</i> B.Comm.</p>	<ul style="list-style-type: none"> <li>• Previous CEO of Royal Nickel Corporation</li> <li>• Corporate development, strategy, business planning and market research Executive with Quadra Mining and Inco</li> <li>• Nickel market expert</li> </ul>
<p><b>Francisca Quinn</b> <i>Director</i> M.Sc.</p>	<ul style="list-style-type: none"> <li>• Co-founder and President of Quinn &amp; Partners Inc., a recognized advisory firm advancing sustainability in business and capital markets;</li> <li>• Previously with Carbon Trust and WSP Global</li> </ul>	<p><b>Wendy Kaufman</b> <i>CFO</i> CPA, CA</p>	<ul style="list-style-type: none"> <li>• &gt;25 years of experience leading mining companies in project finance, capital structure, capital markets, accounting and internal controls, tax, financial reporting and public disclosure; completed \$4 billion finance for Cobre Panama</li> </ul>
<p><b>Jennifer Morais</b> <i>Director</i> BA, MBA, CFA</p>	<ul style="list-style-type: none"> <li>• &gt;20 years as senior executive in private equity, alternative finance, mining finance and management consulting; previously with TPG Capital, CPPIB, OMERS, Hatch and CIBC</li> </ul>	<p><b>Steve Balch</b> <i>VP, Exploration</i> P.Geo.</p>	<ul style="list-style-type: none"> <li>• Geophysicist with 35 years experience specializing in Ni-Cu-PGE deposits including for Inco Limited in the Sudbury Basin and Voiseys Bay</li> <li>• Active in developing geophysics technology used in exploration globally</li> </ul>
<p><b>Kulvir Singh Gill</b> <i>Director</i> B.Comm., ICD.D</p>	<ul style="list-style-type: none"> <li>• 20 years of experience in innovation and sustainability in mining; lead innovation and growth projects for Fortune 500 clients across the mining, O &amp; G and heavy industrial sectors</li> </ul>	<p><b>John Leddy</b> <i>Senior Advisor, Legal</i> LL.B.</p>	<ul style="list-style-type: none"> <li>• Senior Advisor, Legal and Strategic Matters at Karora Resources Inc. (formerly RNC Minerals);</li> <li>• Over 20 years' experience as a business lawyer and former Partner at Osler</li> </ul>
<p><b>Mike Cox</b> <i>Director</i> B.Sc., MBA</p>	<ul style="list-style-type: none"> <li>• Managing Partner at CoDa Associates; previously head of Vale UK and Asian refineries following over 30 years in senior leadership roles in Base Metals with Inco and Vale</li> </ul>	<p><b>Pierre-Philippe Dupont</b> <i>VP, Sustainability</i> M.Sc.</p>	<ul style="list-style-type: none"> <li>• &gt;15 years of experience in successfully obtaining environmental, community stakeholder and First Nation approvals for mining projects, including permitting Dumont Nickel and Canadian Malartic; former Director of Sustainability at Glencore</li> </ul>
<p><b>Russell Starr</b> <i>Director</i> MA, MBA</p>	<ul style="list-style-type: none"> <li>• Previously in senior roles with RBC Capital Markets, Scotia Capital, Orion Securities, and Blackmont; SVP and Director of Cayden Resources (acquired by Agnico for \$205M)</li> </ul>	<p><b>Christian Brousseau</b> <i>Project Director</i> P.Eng., MBA, ing.</p>	<ul style="list-style-type: none"> <li>• 30 years of experience with engineering, design and construction in mining, including &gt;6 years as project Director for the Dumont Nickel Project, three years as the Engineering and Construction Manager for Detour Gold</li> </ul>

# Why Nickel?



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- ✓ Growing global demand for nickel from EVs and battery storage technology.
- ✓ Strong demand in more traditional sectors (stainless steel)
- ✓ Nickel potentially entering a super cycle; occurs every 15-20 years.



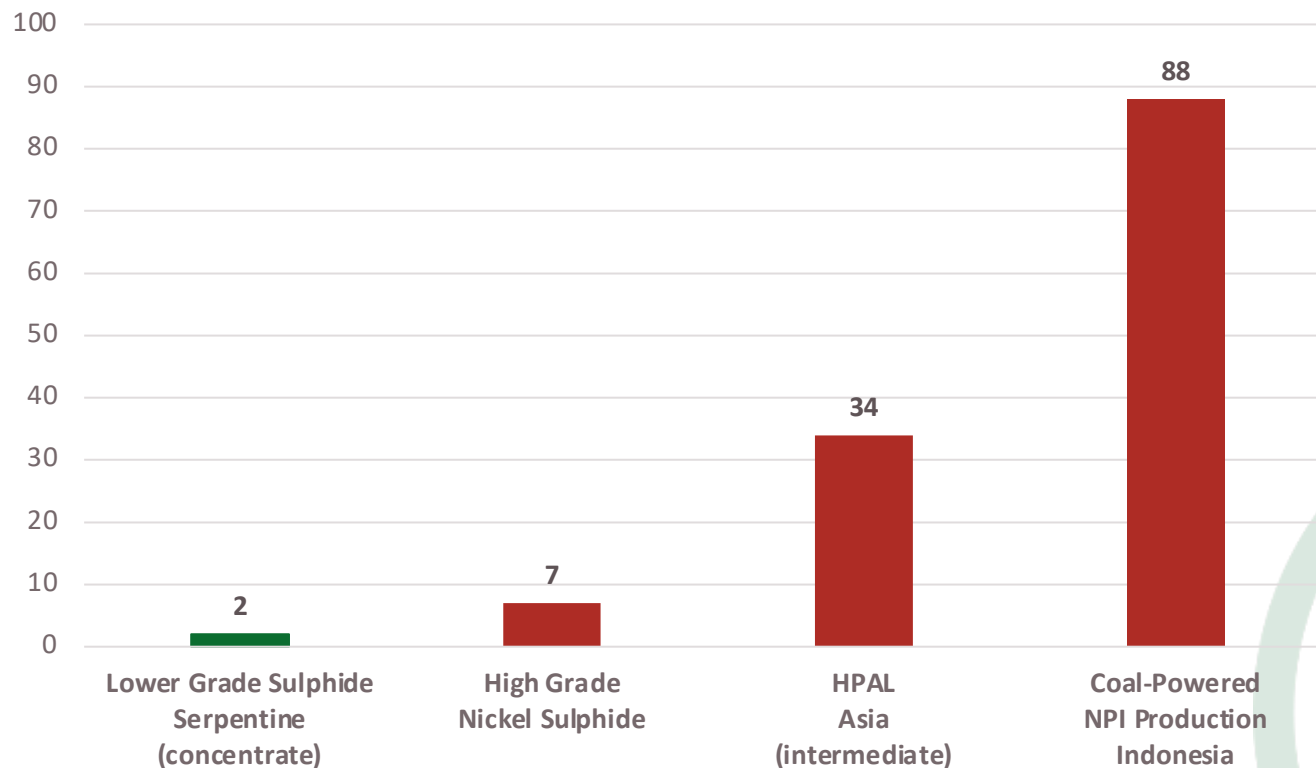
# Tesla: “Please mine more nickel...”



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“...please mine more nickel... Tesla will give you a giant contract for a long period of time if you mine nickel efficiently and in an environmentally sensitive way.” – *Elon Musk, Co-Founder and CEO, Tesla Earnings Call July 22, 2020*

## Estimated Carbon Footprint (tonnes CO<sub>2</sub>/tonne of Nickel produced) Selected Types of Nickel Production – Existing Projects/Producers



Source:  
WoodMac Nickel Industry Costs, Canada Nickel analysis

[www.canadanickel.com](http://www.canadanickel.com)

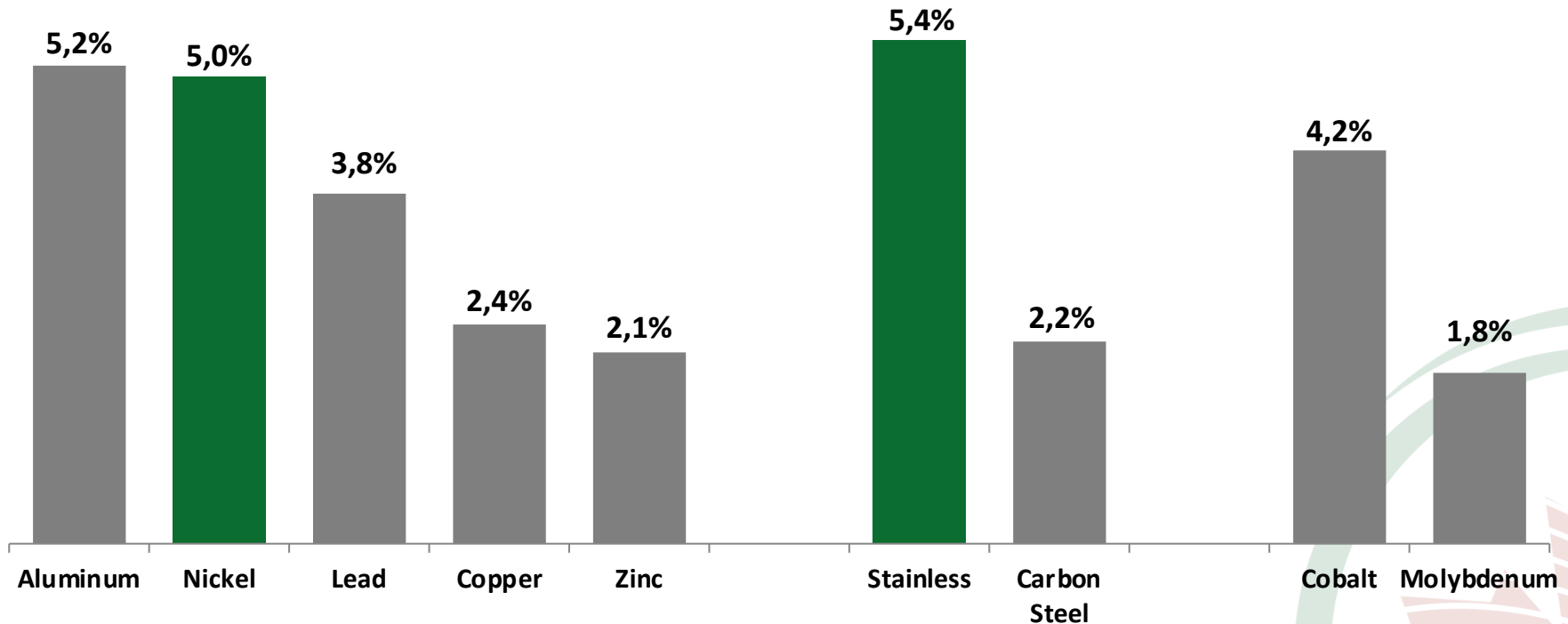
# Nickel Demand: Leader Among Metals



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Nickel demand a leader among metals over the last decade driven by continued strong growth in stainless steel with little contribution from electric vehicles

Base Metals & Other Metals Demand (2007 - 2017)



Source: Macquarie

[www.canadanickel.com](http://www.canadanickel.com)



# Electric Vehicles to Drive Significant Demand Growth

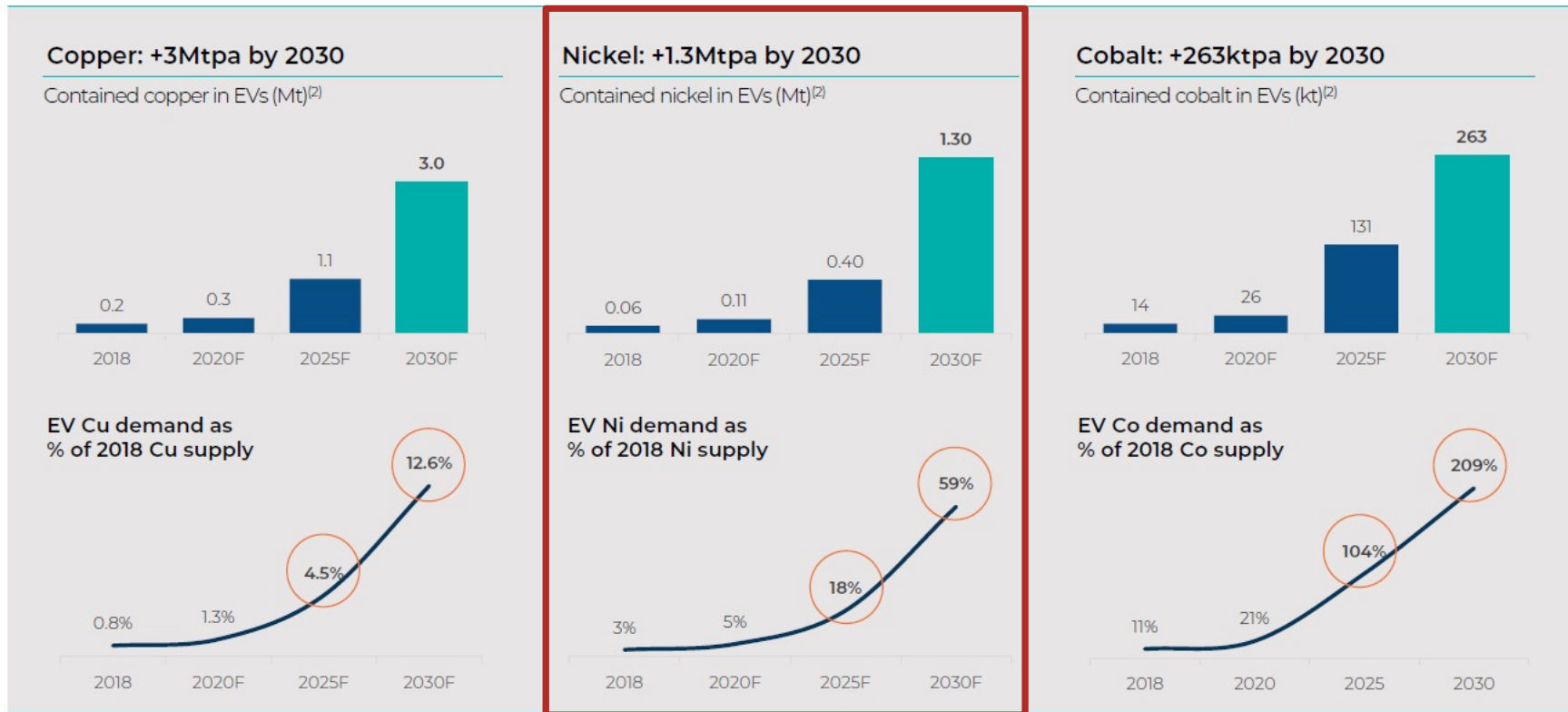


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## Glencore presentation highlight massive growth expected in nickel demand. *Tesla 3TW of annual batteries needs 1+ Mtpa alone!*

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<sup>(1)</sup>



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



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# **CRAWFORD NICKEL SULPHIDE PROJECT**

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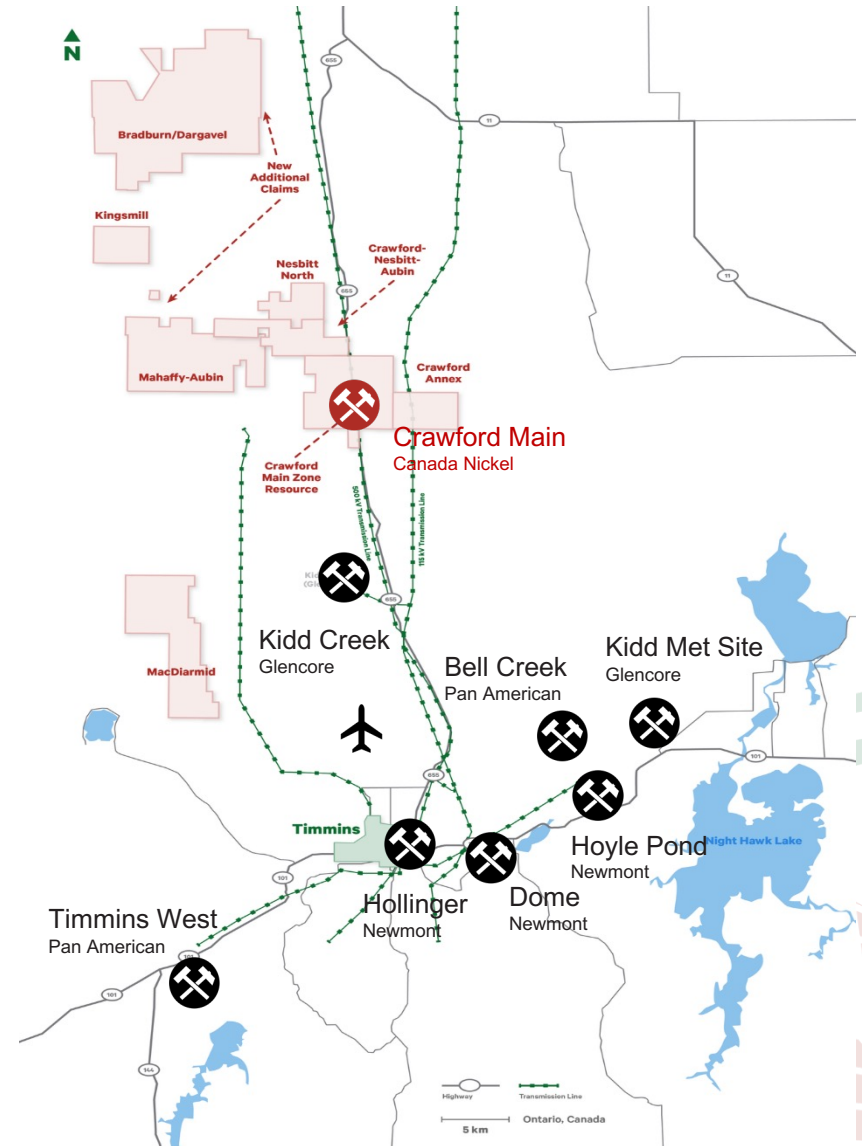
# Crawford Nickel Sulphide Project



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A new nickel discovery with large scale potential and one of the largest nickel sulphide deposits in the world (top ten)

- ✓ **Open pit mine with nearby support infrastructure**
  - Roads, rail, power, water
  - Will necessitate partial displacement of Highway 655 and powerlines
- ✓ **Rich mining history**
  - Skilled local workforce
  - Proximity to contractors and producing mines
- ✓ **Potential to use Glencore's nearby Kidd Creek mill for smaller scale start-up**
- ✓ **Waste rock and tailings naturally absorb CO<sub>2</sub> (non-deleterious).**





The Crawford Project's PEA demonstrates strong financial returns based on a large resource with significant upside potential.

## PEA Highlights

### Robust Economics

- ✓ Capital Expenditures (CAPEX) US\$ 1.2 billion
- ✓ 16% after-tax internal rate of return (IRR)

### Large Scale, Long Life

- ✓ Crawford is expected to be among the top 5 nickel sulphide operations globally (maximum extraction rate 120 000 tonnes/day)
- ✓ 25-year mine life

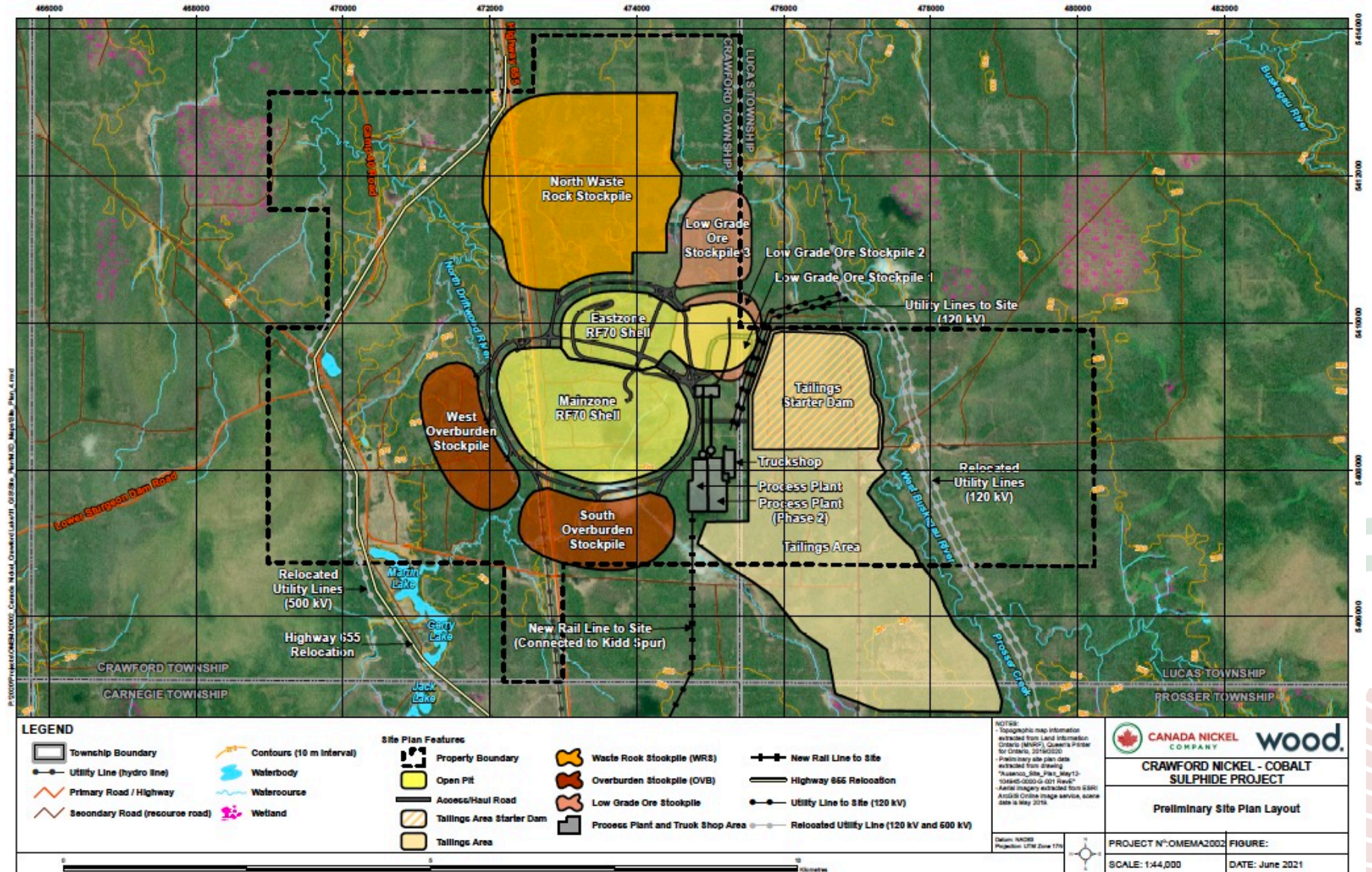
### Low Cost

- ✓ Among the lower life-of-mine average net cash costs

# Crawford Site Preliminary Layout



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	<b>CRAWFORD NICKEL - COBALT SULPHIDE PROJECT</b>
	<b>Preliminary Site Plan Layout</b>
<small>PROJECT N°:OMEMA2002</small>	<small>FIGURE:</small>
<small>SCALE: 1:44,000</small>	<small>DATE: June 2021</small>

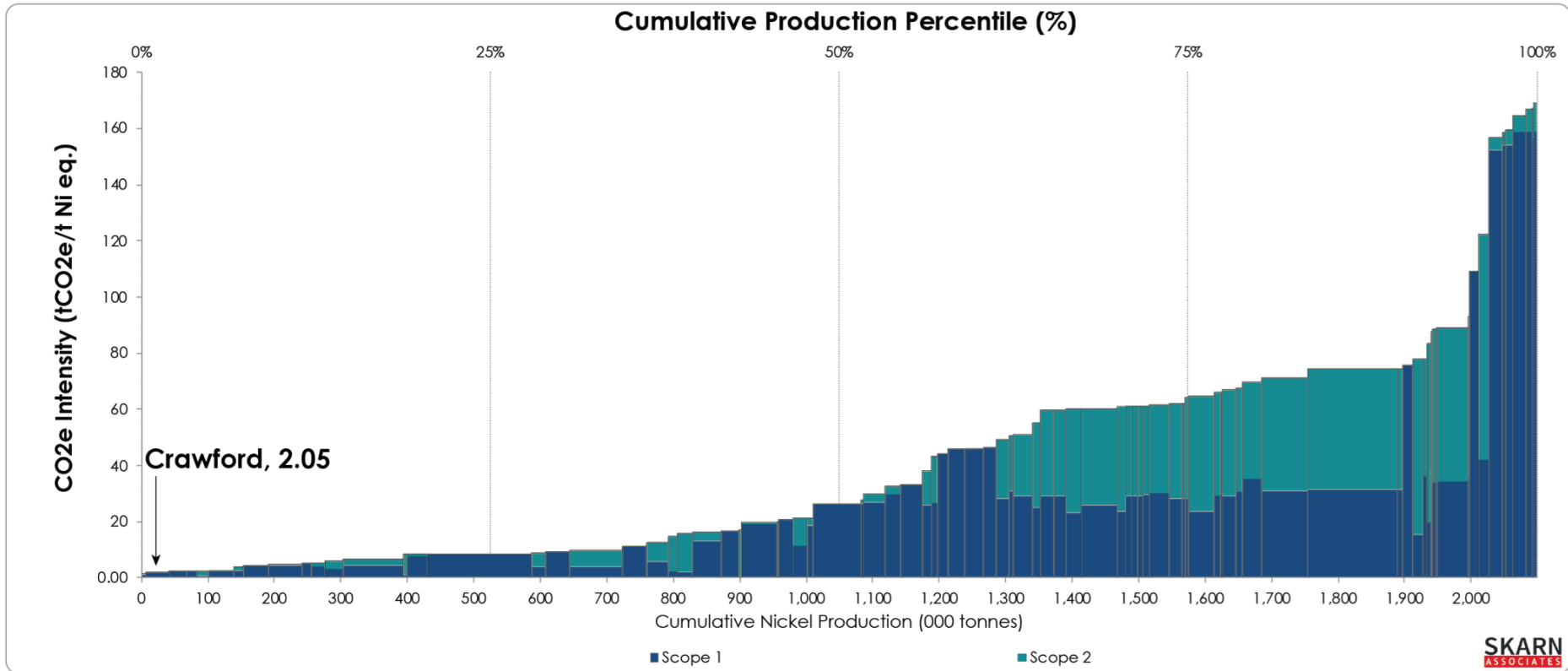
# A Low Carbon Footprint



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Crawford estimate of 2.05 tonnes of CO<sub>2</sub> per tonnes of Ni-eq production, 93% lower than the industry average of 29 tonnes CO<sub>2</sub> and lower than 99.7% of global nickel production

## Nickel GHG Intensity Curve - CO<sub>2</sub>e Intensity (tCO<sub>2</sub>e/t Ni eq.)



SKARN  
ASSOCIATES



## Key technologies are being explored to develop a Zero-Carbon footprint operation

### Mining

- ✓ Electric rope shovels and trolley trucks as a power sources (wherever possible)
- ✓ Ambient CO<sub>2</sub> absorption through natural mineral carbonation process of the waste rock and tailings (exact amount and rate of absorption at Crawford will be analyzed in the upcoming studies)

### Milling

- ✓ Large scale processing of lower grade sulphide ores utilizes lots electricity - proximity to local hydroelectricity provides the potential to minimize carbon emissions

### NetZero Metals - Nickel-Cobalt Concentrate Processing

- ✓ Utilizing natural gas as a reductant, with the off-gases captured and re-routed to allow the CO<sub>2</sub> be captured by the waste rock and tailings
- ✓ Off-gases will again be captured and treated to ensure CO<sub>2</sub> and SO<sub>2</sub> emissions are minimized



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# FIRST NATION PARTNERSHIPS

[www.canadanickel.com](http://www.canadanickel.com)





# First Nation Partnerships



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Canada Nickel has entered into Memorandum of Understandings (MOUs) with Taykwa Tagamou Nation, Matachewan First Nation and Mattagami First Nation.

Discussions are currently underway to establish collaborative frameworks with our Indigenous partners throughout the project.

TAYKWA TAGAMOU





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# FEDERAL IMPACT ASSESSMENT PROCESS

[www.canadanickel.com](http://www.canadanickel.com)





- ✓ The Crawford Project will likely fall under the post-Bill C-69 federal Impact Assessment (IA) Process:
  - Federal threshold of 5000+ tonnes daily
  - Potential encroachment in watercourses
- ✓ New regulatory body: Impact Assessment Agency of Canada (IAAC)
- ✓ Canada Nickel will thus be required to do a rigorous assessment of the Crawford Project's environmental but also socio-economical impacts
- ✓ Proactive Indigenous and community engagement will be key in identifying these impacts and the relevant mitigation measures



## Baseline data collection

- ✓ Aerial survey (large mammals and nests) – performed in March
- ✓ Environmental geochemistry program – ongoing
- ✓ Hydrology, hydrogeology and water quality – will start shortly
- ✓ Aquatic resources (fish, benthos and habitat) – Summer 2021
- ✓ Birds and amphibians, including migratory waterfowl - ongoing
- ✓ Species at risk, including woodland caribou and bats - ongoing
- ✓ Habitat characterisation + vegetation, including wetlands - ongoing
- ✓ Atmospheric (climate / meteorological, air quality, greenhouse gas emissions, light and noise) – Summer 2021
- ✓ Archaeology – Summer 2021





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# COMMUNITY & STAKEHOLDER ENGAGEMENT

[www.canadanickel.com](http://www.canadanickel.com)





- ✓ Canada Nickel's intention is to be a new generation and benchmark mining proponent
  - Similar to what the team accomplished at Royal Nickel with the Dumont Project
- ✓ Looking to establish a comprehensive engagement process, tailored to local interests and expectations, in order to share information, review findings and gather feedback from local stakeholders

**Objective: improve the Crawford Project AND Canada Nickel's engagement activities**





## Transfer Environment and Society (TES) has been retained to build and manage Canada Nickel's Engagement Processes

- ✓ Who is TES?
  - 30 year experience, 100+ mandates in building bridges between organizations and communities
  - Act as custodians of the engagement process, to ensure Canada Nickel: **follows best practices, gives proper consideration to local feedback when planning its project and follows up on its commitments**
- ✓ In terms of the Community & Stakeholder Engagement Process, what comes next?
  - Understanding the **expectations** and **interests** of the community and local stakeholders to build a Preliminary Engagement Plan
  - Once ready, this Preliminary Plan will be presented to the community, for review and validation





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# PRELIMINARY PROJECT TIMELINE





# Preliminary Engagement Plan Timeline



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## Spring 2021

### Pre-consult:

- Initial presentation
- Expectations and Interests Online Questionnaire

## Summer 2021

### Plan:

- Build Preliminary Stakeholder Engagement Plan (per questionnaire results)

## Fall 2021\*

### Initiate Consultations:

- Present project update
- Discuss baseline study results
- Validate Engagement Plan

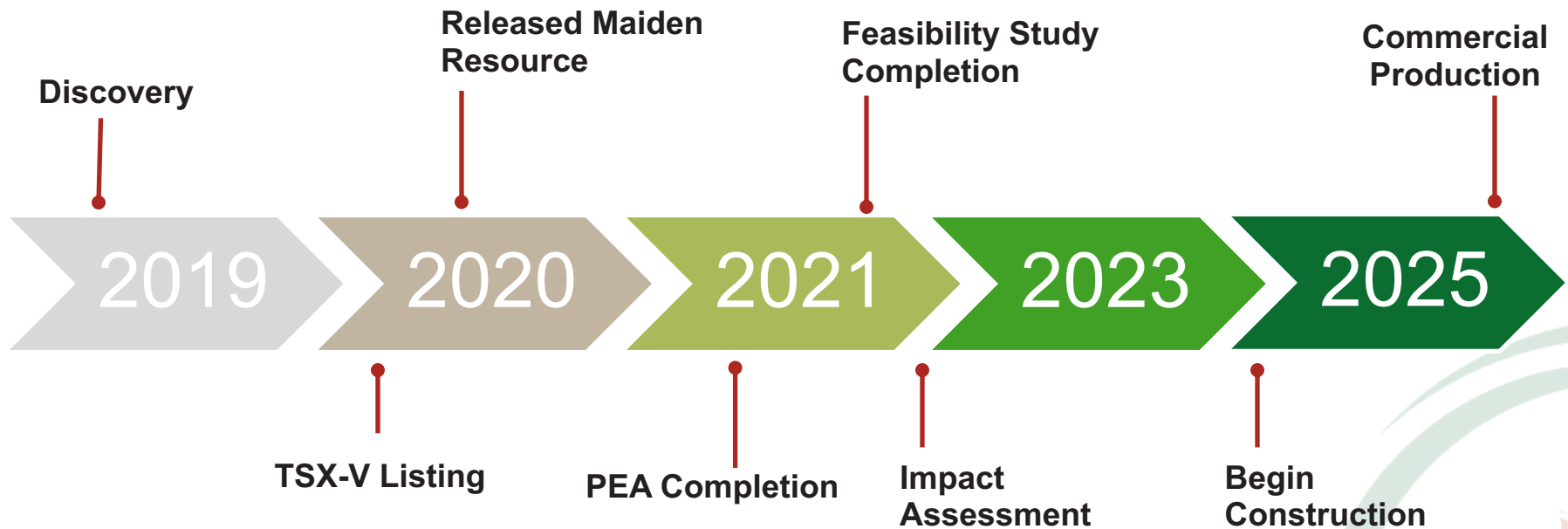
\*Once Canada Nickel's Engagement Plan is reviewed and validated by the community and local stakeholders, Canada Nickel will initiate the federal Impact Assessment Process (Planning Phase) in the Fall of 2021.

The 1st step is the preparation of an **Initial Project Description (IPD)**, which will detail the project's preliminary design, potential impacts and planned mitigation measures.

# Key Project Milestones / Timeline



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- ✓ Share the presentation and the Community Expectations and Interests Questionnaire
  - Short online survey that aims to gather anonymous feedback on local engagement expectations and interests + preliminary feedback on potential project issues and opportunities
  - Please feel free to share the Questionnaire within your organization
- ✓ Fall 2021:
  - Project and baseline studies follow-up
  - Community & Stakeholder Engagement Plan review and validation
  - Initial Project Description Engagement (Canada Nickel and IAAC)



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# QUESTIONS OR COMMENTS ?

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# APPENDIX





## Crawford is a structurally low-cost operation

- Large scale mine / mill operation expanded in 2 stages from 42.5 ktpd to 120 ktpd
- Low strip ratio – life of mine 2.1:1 and initial phase 1.3:1
- Use of trolley trucks and electric shovels reduce diesel consumption by 40% taking advantage of zero-carbon electricity
- Conventional flowsheet (SAG, ball mill, flotation, magnetic separation)
- Produces 3 products
- High grade nickel concentrate (35% nickel) believed to be highest grade concentrate in world
- Standard grade concentrate (12% nickel) in line with typical nickel sulphide concentrates
- Magnetite concentrate containing 45-50% iron and an average of 3% chrome
- Non-acid generating waste rock and tailings with carbon sequestration capacity
- Major support infrastructure in place
- Local workforce – no fly-in/fly-out labour

# Additional Opportunities



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## 1 Exploration Upside

Significant additional exploration potential within the Crawford Project and at the Company's additional properties including Bradburn/Dargavel

## 2 Recovery Optimization

Optimization of nickel, iron, chrome recovery and concentrate grades through additional test work during Feasibility Study stage

## 3 NetZero Carbon Footprint

Determine the carbon capture potential from the carbon sequestration potential of the Company's tailings and waste rock to permit the Company to achieve net zero carbon footprint operation

## 4 Cobalt & PGM Content

Processing of nickel concentrates to capture cobalt, PGM content through various processing alternatives for the company's high grade and standard grade concentrates

## 5 Potential CapEx Reduction

Capital cost reductions via electricity distribution and fleet acquisition opportunities; signed MOUs with Taykwa Tagamou First Nation to participate in the financing of all or a portion of the project's electricity supply and heavy mining equipment fleet

## 6 Kidd Creek

Completion of negotiations to utilize Glencore's Kidd Creek mill based on the capital and operating costs successfully determined during the initial phase of work

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



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**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
- The capital and operating costs assessments have been successfully completed and discussions are ongoing.





## New IA Process under the IAAC:

### 1- Planning Phase

- ✓ Project description & issue planning

### 2- Impact Statement

- ✓ Relevant information and studies

### 3- Impact Assessment

- ✓ Impact analysis & management

### 4- Decision Making

- ✓ Authorization & conditions

### 5- Post Decision

- ✓ Ongoing follow-ups and monitoring

