

CANADA NICKEL COMPANY—CRAWFORD NICKEL-COBALT SULPHIDE PROJECT CRAWFORD PROJECT - PRESENTATION AND ENGAGEMENT ACTIVITIES PORCUPINE HEALTH UNIT MEETING REPORT

MEETING INFORMATIO	DN		
DATE	June 15 th , 2021		
TIME	10:00am to 11:15am		
LOCATION	Videoconference—MICROSOFT TEAMS		
	Porcupine Health Unit		
PARTICIPANTS	 Suzanne Lajoie, Manager Environmental Health Sandra Lapajne, Public Health Inspector 		
CANADA NICKEL	 Pierre-Philippe Dupont, Vice President Sustainability 		
FACILIATION	 Isaac Gauthier, Facilitator – Transfer Environment and Society (TES) 		
OBJECTIVES	 Present the Crawford Project, the Preliminary Economic Assessment (PEA) and Canada Nickel's proposed preliminary engagement process Discuss participant interests, expectations, and concerns regarding the Crawford Project and the proposed preliminary engagement process 		
MEETING HOLDER	Canada Nickel Company		
AGENDA	 Canada Nickel Overview Why Nickel & Crawford Project Overview First Nation Partnerships Federal Impact Assessment Process Community & Stakeholder Engagement Preliminary Project Timeline Next Steps 		

MEETING HIGHLIGHTS

ISSUES AND CONCERNS		
✓ Porcupine Health Unit	Project location in relation to Highway 655 and road displacement	
✓ Porcupine Health Unit	Importance of proactive discussions and engagement with local Indigenous groups	

FOLLOW-UPS	
🗸 Canada	Share the meeting presentation and the Expectations & Interests Questionnaire
Nickel	

GENERAL COMMENTS			
 Image: A set of the set of the	Porcupine		The Porcupine Health Unit recognizes the positivity of Canada Nickel's approach to
	Health Unit		minimal project impacts and its net-zero objectives
✓ Porcupine Health Unit		The Porcupine Health Unit can share relevant information for the Impact	
	•		Assessment regarding the project's social determinants of health, since it is in
			various social and environmental health issues

1. INTRODUCTION & ROUNDTABLE

Pierre-Philippe Dupont, Vice-President Sustainability at Canada Nickel initiates the meeting with a brief introduction by mentioning the key importance of public health in the new federal Impact Assessment Process. He continues with an overview of the meeting objectives and agenda.

The participants are invited to introduce themselves with a brief roundtable. A participant explains the various roles of the Porcupine Health Unit, which includes sewage systems, environmental assessments, health hazards, air exceedances and environmental complaints. Mr. Dupont 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.

2. CANADA NICKEL OVERVIEW

Mr. Dupont provides the context regarding the Canada Nickel Company, the full owner of the Crawford Project. He briefly shares details about the company's board and management team, including its past successful projects, namely the Dumont Project and the Detour Gold 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 nickel is an important component of existing and future electric vehicle (EV) battery development, which will likely create strong demand for the metal. He 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 the expected gap in the nickel supply.

He adds 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). He mentions that these characteristics make Canada Nickel a strong contender to meet global demands for sustainable nickel, especially in the context of little increasing supply in the short or medium term.

Mr. Dupont 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 and rich mining history in Timmins, Canada Nickel is well positioned to have a successful mining project, without any mining camps.

Finally, he mentions that the project's waste rock and tailings are a known natural carbon sink, which Canada Nickel will look to optimize to reduce its GHG emissions. This is one of the major ways Canada Nickel is looking at to make the Crawford Project carbon neutral.

QUESTIONS AND INTERVENTIONS		ANSWERS
Q&11	A participant asks where the project is in relation to the Highway 655 and where Canada Nickel will initiate the road's partial displacement.	Mr. Dupont identifies the location on the provided project map, north of the Kidd Creek Mine. He further adds that a secondary road will be built to ensure continued traffic flow, as is standard in these types of operations.

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 impacts, which he suspects will be of particular interest to the Porcupine Health Unit. He mentions that Canada Nickel's team is familiar with these requirements, as they have been in use in Quebec for many years.

Mr. Dupont further mentions that Canada Nickel has already initiated significant environmental baseline studies, with many more planned over the summer.

No questions or comments were raised by the participants.

6. COMMUNITY & STAKEHOLDER ENGAGEMENT

Mr. Dupont mentions 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 local community and stakeholders.

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 reiterates the upcoming next steps with regards to the proposed engagement activities, namely the sharing of an Expectations and Interest Questionnaire, the preparation of a Preliminary Engagement Plan per the results of the questionnaire and the public validation of the Engagement Plan during the Fall.

Mr. Dupont mentions that a new community relations coordinator will soon join the team, which will ensure a more local presence from Canada Nickel.

QUESTIONS AND INTERVENTIONS		ANSWERS
Q & I 2	Mr. Dupont asks the participants what their perceptions are so far regarding the project.	A participant mentions that Canada Nickel's approach to minimal project impacts and its net-zero objectives is positive. She adds that the Porcupine Health Unit can contribute to Canada Nickel's impact assessment, especially regarding the project's social determinants of health. Finally, she underlines the importance of proactive discussions and engagement with local Indigenous groups. A participant agrees with her colleague's statements.

APPENDIX I PRESENTATION



Canada Nickel – Crawford Project

Delivering the Next Generation of Nickel Sulphide Projects

June 2021



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 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, 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.

AGENDA



- 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



Canada Nickel Overview



- 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



<i>David Smith</i> <i>Director</i> P.Eng., C.Dir.	 Senior VP, Finance and CFO of Agnico Eagle Mines Limited; Chartered Director, Director of Sprott Resource Holdings 	<i>Mark Selby</i> <i>Chairman, CEO</i> B.Comm.	 Previous CEO of Royal Nickel Corporation Corporate development, strategy, business planning and market research Executive with Quadra Mining and Inco Nickel market expert
Francisca Quinn Director M.Sc.	 Co-founder and President of Quinn & Partners Inc., a recognized advisory firm advancing sustainability in business and capital markets; Previously with Carbon Trust and WSP Global 	Wendy Kaufman CFO CPA, CA	 >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
<i>Jennifer Morais Director</i> BA, MBA, CFA	 >20 years as senior executive in private equity, alternative finance, mining finance and management consulting; previously with TPG Capital, CPPIB, OMERS, Hatch and CIBC 	<i>Steve Balch</i> <i>VP, Exploration</i> P.Geo.	 Geophysicist with 35 years experience specializing in Ni-Cu-PGE deposits including for Inco Limited in the Sudbury Basin and Voiseys Bay Active in developing geophysics technology used in exploration globally
<i>Kulvir Singh Gill Director</i> B.Comm., ICD.D	 20 years of experience in innovation and sustainability in mining; lead innovation and growth projects for Fortune 500 clients across the mining, O & G and heavy industrial sectors 	John Leddy Senior Advisor, Legal LL.B.	 Senior Advisor, Legal and Strategic Matters at Karora Resources Inc. (formerly RNC Minerals); Over 20 years' experience as a business lawyer and former Partner at Osler
<i>Mike Cox Director</i> B.Sc., MBA	 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 	<i>Pierre-Philippe Dupont VP, Sustainability</i> M.Sc.	 >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
Russell Starr Director MA, MBA	 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) 	Christian Brousseau Project Director P.Eng., MBA, ing.	 30 years of experience with engineering, design and construction in mining, including >6 years as project Director for the Dumont Nickel Project, three years as the Engineering and Construction Manager for Detour Gold



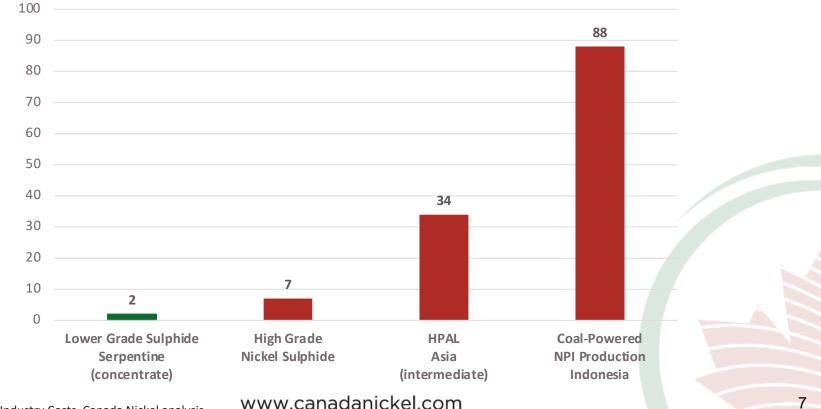
- Growing global demand for nickel from EVs and battery storage technology.
- ✓ Strong demand in more traditional sectors (stainless steel)
- Nickel potentially entering a super cycle; occurs every 15-20 years.





"...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 CO₂/tonne of Nickel produced) **Selected Types of Nickel Production – Existing Projects/Producers**



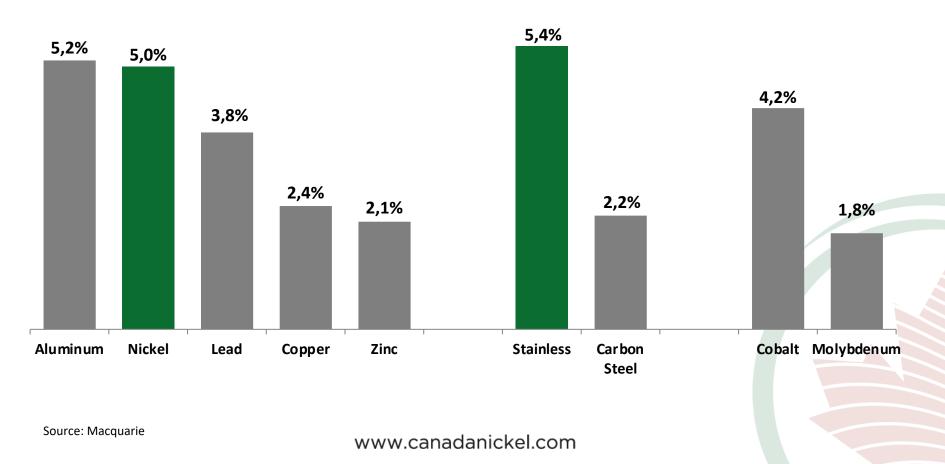
WoodMac Nickel Industry Costs, Canada Nickel analysis

Source:



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)

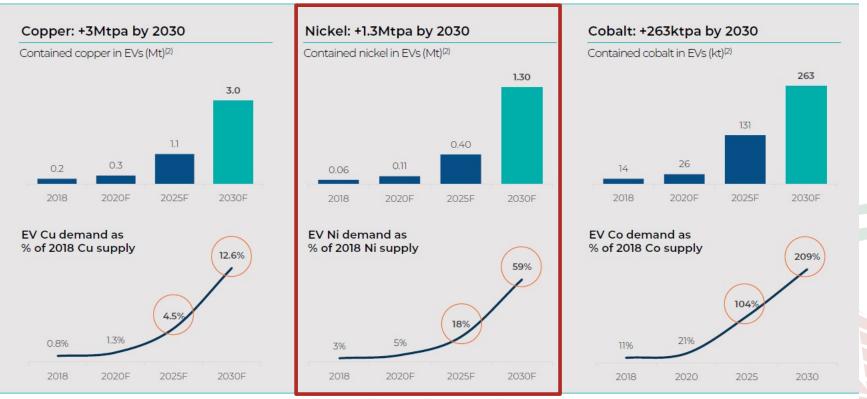




Glencore presentation highlight massive growth expected in nickel demand. *Tesla 3TW of annual batteries needs 1+ Mtpa alone!*

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⁽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 cobait required for other parts of the EV supply chain including charging infrastructure, energy storage systems, grid

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GLENCORE



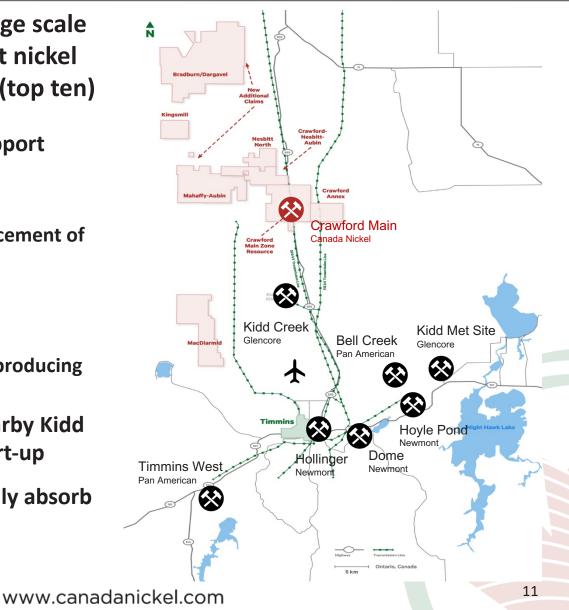
CRAWFORD NICKEL SULPHIDE PROJECT





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
 CO₂ (non-deleterious).





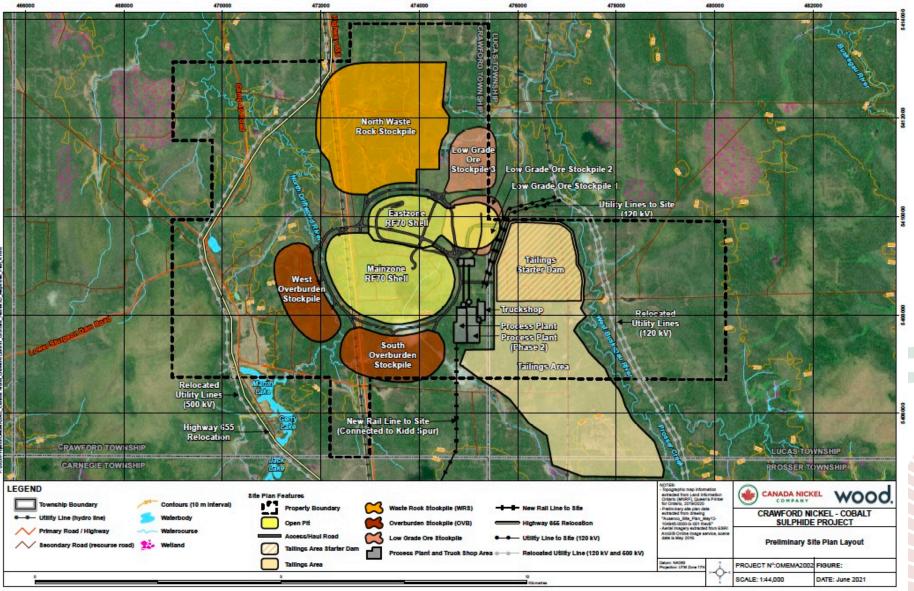
The Crawford Project's PEA demonstrates strong financial returns based on a large resource with significant upside potential.

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

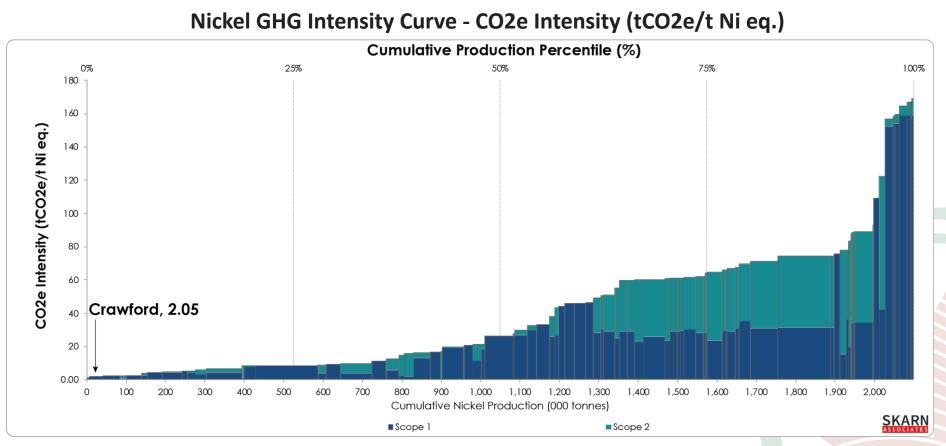




www.canauanickei.com



Crawford estimate of 2.05 tonnes of CO2 per tonnes of Ni-eq production, 93% lower than the industry average of 29 tonnes CO2 and lower than 99.7% of global nickel production





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 CO₂ 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 CO₂ be captured by the waste rock and tailings
- Off-gases will again be captured and treated to ensure CO₂ and SO₂ emissions are minimized



FIRST NATION PARTNERSHIPS





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.









FEDERAL IMPACT ASSESSMENT PROCESS





- 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





COMMUNITY & STAKEHOLDER ENGAGEMENT





- 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 <u>AND</u> 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







PRELIMINARY PROJECT TIMELINE



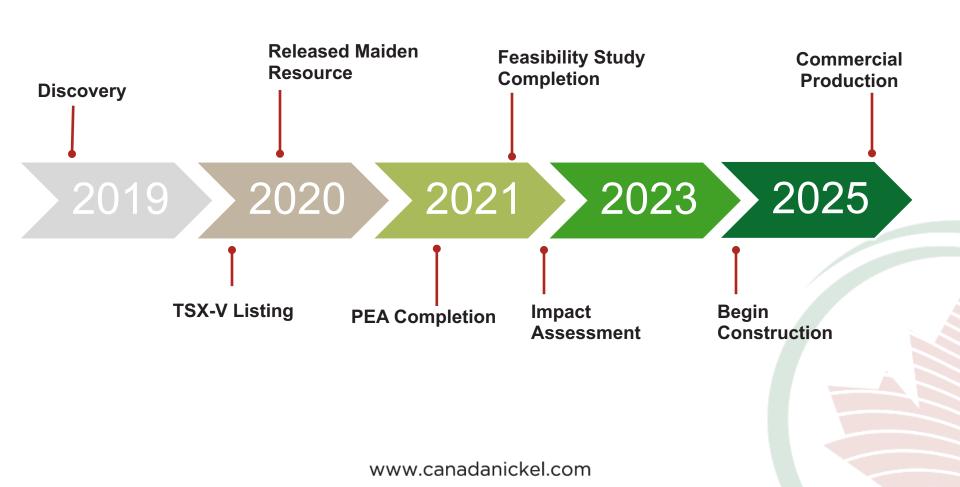




*Once Canada Nickel's Engagement Plan is reviewed and validated by the community and local stakeholders, Canada Nickel will initiate the federal Impact Assessment Process (Planning Phase) in the Fall of 2021.

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







- 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)



QUESTIONS OR COMMENTS ?

PLEASE CONTACT ALEXANDRA ARMSTRONG, COMMUNITY RELATIONS AND COMMUNICATIONS COORDINATOR

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OR

PIERRE-PHILIPPE DUPONT, VP SUSTAINABILITY

pierrephilippedupont@canadanickel.com 819-442-0494





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





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

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

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

3

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



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

