



# Canada Nickel Company

## NEWSLETTER

### Milestones and Changes at Canada Nickel

We hope this month's newsletter finds you safe and well. Canada Nickel would like to recognize the impact that recent forest fires and flooding have had on this region. With a number of these fires occurring on or in proximity to our properties, we made the decision to temporarily suspend our exploration activities to ensure the safety of our employees and to prevent any potential exacerbation of the situation. Our heartfelt condolences go to all those affected by recent events.

We would also like to take this opportunity to share a number of important updates about our company and the Crawford Nickel Project.

#### *Introducing Our New Community Relations and Communications Coordinator*

We are thrilled to introduce Gabriella Desmarais-Brunet, our new Community Relations and Communications Coordinator. Gabriella was raised in Northern Ontario and completed her post-secondary Bachelor of Social Work studies in Fredericton, New Brunswick and later in Sudbury, Ontario. Gabriella has over a decade of work experience in the field of social work, community & program development and managing quality assurance practices. Gabriella is a firm believer in our commitment to open and transparent dialogue and will continue our extensive engagement practices and involvement to ensure that everyone has a say in the future of our operations. Please feel free to reach out to her with any questions or suggestions you may have at 705-406-3300 and [gabrielladesmaraisbrunet@canadanickel.com](mailto:gabrielladesmaraisbrunet@canadanickel.com). We are confident that Gabriella will play a vital role in fostering a strong bond between the project and your communities.



*Gabriella Desmarais-Brunet, Canada Nickel's Community Relations and Communications Coordinator, and her two children.*

#### TABLE OF CONTENTS

- 1 Company Updates, Changes to Community Relations
- 2 A Message from Desmond Tranquilla, Project Director
- 3 Common Mining Terminology
- 4 A Bulk Sample at Crawford
- 5 News Release Highlights
- 7 Recent Contributions

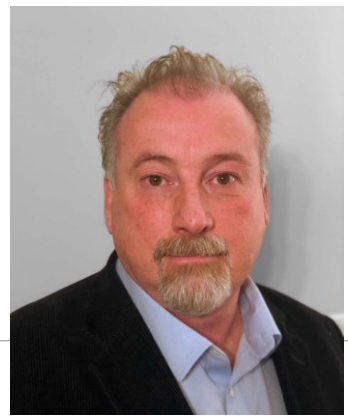
#### *Project Progression*

As of April 2023, we are pleased to announce that we have entered the second phase of the Impact Assessment process for the Crawford Project. The Impact Statement Phase, which has now commenced, will culminate with the submission of the Impact Statement, a detailed technical document that identifies and assesses Crawford's potential impacts and the measures proposed to mitigate those effects.

On the R&D front, results of our carbon capture work continue to exceed expectations, with [recent test work confirming IPT Carbonation's ability to store one million tonnes of carbon annually](#). Following completion of final engineering design for IPT carbonation it will be incorporated into the Integrated Feasibility Study for the Crawford Project, which is expected to be released in September 2023.

# ADDING PROJECT VALUE AND BUILDING CERTAINTY

*A message from Canada Nickel's Project Director,  
Desmond Tranquilla*



It's been a very productive year so far for Canada Nickel, a company more driven and efficient than most I have seen in my many years of experience. We are continuing to optimize various components of the Crawford Nickel Project's Feasibility Study, a document which will provide tangible, well-backed information on mine design, employment, economics, and more for Canada Nickel's inaugural project. Working closely with our Engineering partners, we have made great strides in mining, mineral recovery, processing, infrastructure, and environmental components, all of which we can't wait to share with you.

Our geology team continues to define geotechnical and resource information at Crawford, while the environmental crew collects further baseline information to support our environmental and impact assessments. The goal of all this work, of course, is to build the strongest case for advancing the Crawford Project as a project that means the needs and interests of Canada Nickel and the regions in which we operate.

With the supporting Feasibility Engineering now substantially complete, our focuses will shift to advancing a number of the Project's finer elements, including continued development of our relationships with Indigenous communities and project stakeholders, project implementation and procurement strategy, project execution planning, and all supporting commercial elements. We look forward to taking the Project to the next level.

All this being said, we continue to advance the team, grow relationships with our equity partners, and look to where we must evolve our

management strategy to support full project execution. The balance of 2023 will be dedicated to completion of the feasibility study, with 2024 becoming the transition year towards a greater degree of project certainty.

We hope you share in our excitement about the Project's future and associated developments at Canada Nickel - stay tuned, as there is more to come!

A handwritten signature in black ink, appearing to read 'Desmond Tranquilla'. The signature is fluid and cursive.

*Desmond Tranquilla  
Project Director*

Mr. Tranquilla has over 30 years' experience in the management of major capital projects involving large-scale mines and processing plants in Canada and the U.S., as well as major infrastructure projects, hydroelectricity, and aggregate processing plants. Prior to joining Canada Nickel, Mr. Tranquilla held the position of Director of Construction for SNC-Lavalin North America, and as Deputy Director for Coeur Mining's Rochester POA11 Merrill Crowe Heap Leach Project in Nevada, was responsible for overall project execution planning, construction planning and procurement contract negotiations. Mr. Tranquilla also acted as Senior Project Manager overseeing site-engineering, procurement, construction and management for the CAD\$1.6 billion Vale Atmospheric Emission Reduction project in Sudbury, Canada. As Project Manager for AMEC Americas, he worked closely with the Client to deliver the Detour Lake Gold Mine in Northeastern Ontario.

# COMMON MINING TERMINOLOGY

We heard your feedback, and as such have compiled a mining operation terminology guide to help clarify some of the terms you may hear as we continue to discuss the Crawford Project and our other properties.

**Base metal** – any non-precious metal, including nickel and iron

**Mineral Resource** – calculated amount of material in a deposit considered to be of reasonable *potential* for economic extraction. Based on the amount of information known about the resource, it can be classified as Inferred, Indicated, and Measured (with increasing levels of confidence)

**Mineral Reserve** – the calculated amount of the Measured and/or Indicated Resource considered to be economically mineable

**Grade** - amount of mineral or metal per ton of ore. *Cut Off Grade* is the minimum grade required for a mineral or metal to be economically mined

**Waste Rock Stockpile** – storage of non-economic material, material below the cut-off grade, removed from the open pit

**Overburden** – rock and soil overlaying a mineral deposit

**ANFO** – ammonium nitrate and fuel oil, an explosives mixture used for on-site blasting

**Concentrate** – a product resulting from mineral processing containing a high percent of valuable metal, usually sent offsite for further processing

**Recovery** – percent of valuable metal in the ore that can be recovered during processing

**Ore** – a combination of waste and valuable minerals removed from the open pit

**Processing Plant/Mill** – facility hosting equipment used to separate valuable minerals from waste (gangue) material

**Ore Stockpile** – extracted ore stored on surface waiting for processing

**Flotation** – a separation process where air is bubbled through a tall cylinder filled with water, crushed ore, and reaction chemicals. Minerals will either float or sink based on their different hydrophobicity (if a mineral is repelled by or attracted to water), leading to separation

**Haul Truck** – dump trucks engineered for transporting ore, overburden, and waste rocks

**Magnetic Separation** – use of magnetic fields to separate magnetic (ex. iron) and non-magnetic minerals .

**Tailings Management Facility** – used to confine tailings (waste material leftover from the milling process)

**Settling Pond** – holds water for a period of time to allow sediment (fine particles of matter) to settle out of the water

Methods for Mineral Processing



Early Exploration



Advanced Exploration



Construction



Operation



Closure and Reclamation

## Canada Nickel is in the process of designing and permitting a Bulk Sample Program at the Crawford Project

Bulk sampling is a form of [advanced exploration](#) during which large samples are extracted from the proposed mine area. These samples reduce project risk, giving us a greater understanding of the deposit’s geology and a chance to test processing technologies and support project feasibility.

**Advanced exploration:** a more intensive, large scale, and expensive form of mineral exploration that is usually conducted prior to construction and operation (drill programs are usually considered early exploration)

The bulk sample at Crawford is currently being designed as a small-scale open pit excavation contained within the proposed future east-zone. This project would provide opportunities:

- To better understand the material we are working with, enabling additional evaluations of mineral content and geotechnical properties.
- For Anglo American, [as part of our agreement announced in January 2023](#), to assess opportunities to add value to Crawford from its FutureSmart Mining™ technology program.

We are targeting early 2024 to “break ground” on the program, with design/engineering work and supporting studies already planned or underway.

With design and planning still in progress, Canada Nickel will continue sharing information relating to permitting and program implementation as it becomes available.

**Please keep an eye out for additional information about the Crawford Project’s Bulk Sample Program.**

Permits that may be required for the Bulk Sample (*this list is not exhaustive nor confirmed*):

- Advanced Exploration Closure Plan
- Industrial Sewage Works Environmental Compliance Approval
- Permit to Take Water (*if necessary*)
- Overall Benefit Permit – Species at Risk (*if required*)



# NEW RELEASE HIGHLIGHTS

To access all Canada Nickel Company news releases, or for other information relating to Canada Nickel and the Crawford Project, please visit our website at [www.canadanickel.com](http://www.canadanickel.com).

## **Canada Nickel Reports Encouraging Initial Metallurgical Results from its Texmont Project, Announces Consolidation of Texmont Region**

June 22nd, 2023

Canada Nickel announces that the Texmont project continues to deliver excellent results with initial metallurgy yielding nickel and cobalt recoveries and concentrate grades exceeding expectations.

## **Canada Nickel Announces Carbon Storage Testing Results Better than Anticipated; Integrated Feasibility Study Expected in September**

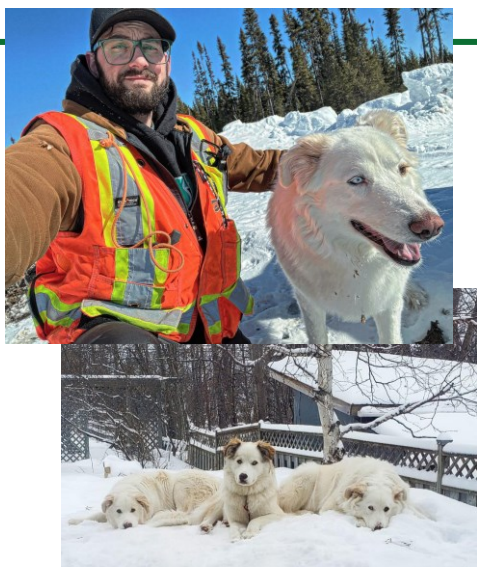
June 8th, 2023

Canada Nickel announces that the In-Process Tailings ( IPT) Carbonation is demonstrating above expectation results. The Integrated Feasibility Study (IFS) is expected to be released in September following the completion of engineering design for the IPT Carbonation. All other engineering work for Crawford feasibility study has been successfully completed.

## **Canada Nickel Continues to Intersect High-grade, Near-surface Mineralization at Texmont Project**

June 1st, 2023

Canada Nickel reports that that final eleven drill holes at the Texmont Project have confirmed continued high-grade, near-surface mineralization. These results represent the final assay results from a 39- drill-hole program undertaken at Texmont in the winter of 2022-2023.



### ***Cody Wight*** *Field Coordinator*

Cody Wight was born and raised in Kirkland Lake, Ontario. In 2017, he moved to Timmins from Paradise, Newfoundland to seek a long-term career, where he joined the Canada Nickel team as a Core Cutter. After consistent demonstration of his hard work and field experience, plus his evident passion for the outdoors, Cody transitioned to a role as Field Coordinator. Cody has a strong interest in learning the geology of Crawford, our regional properties, and the land's geography. For Cody, this is the “dream job”.

Cody lives with his girlfriend of 6 years and their 3 dogs in South Porcupine, Ontario. In his spare time, he likes to ride recreational vehicles, hunt/fish, and hike with his dogs through the local trails and forests.

EMPLOYEE SNAPSHOT

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**Canada Nickel Announces New Discovery at Mann Northwest Property, Provides Update on Regional Drilling at Midlothian and Sothman**

*May 24th, 2023*

Mark Selby, CEO of Canada Nickel comments that the regional exploration program successfully continues to deliver positive results and above average nickel grades from the first assay results of four holes drilled from Midlothian.

**Canada Nickel Expands High Grade, Near Surface Mineralization at Texmont**

*April 18th, 2023*

Canada Nickel announces that the assay results from the sixteen drillholes continue to confirm high-grade near surface nickel mineralization at the Texmont property located 36 kilometres south of Timmins.

**Canada Nickel Announces New Nickel Discovery at Midlothian Property with Larger Potential Footprint than Flagship Crawford Property**

*April 13th, 2023*

Canada Nickel reports positive preliminary drill results from the first four holes on the Midlothian Property, located 70 kilometres south-southeast of Timmins, Ontario. The Company has drilled four holes totaling 1,548 metres to complete its initial phase of testing a large geophysical target 2.7 kilometres along strike by up to 800 metres thick and open at depth. Midlothian is one of our ten targets with a geophysical footprint larger than Crawford.

**Canada Nickel Announces Appointment of Project Debt Advisor, Provides Corporate Update**

*April 5th, 2023*

Canada Nickel announces the appointment of Cutfield Freeman & Co. as project debt advisors. David Smith, a board member for Canada Nickel, assumes the position of Chairman of the Board.

**Canada Nickel Continues Rapid Progression of Crawford Nickel Project Federal Permitting**

*April 4th, 2023*

Canada Nickel commences the Impact Statement Phase for the Crawford Nickel Project under the Impact Assessment Act, an accomplishment only made possible through the continued engagement of our partners, stakeholders, and Indigenous communities.

# CONGRATULATIONS

Canada Nickel would like to congratulate the following programs on their successful applications to Canada Nickel's Contributions Program for the most recent program period



## Rock on the River

Rock on the River is a cultural event, headlined by some of today's biggest and most talented international artists and providing local artists with the opportunity to share their talents alongside tenured musicians in the industry. Rock on the River provides significant tourism economic benefits to the region.



## Porcupine Music Festival Continuing Education Bursary Program

Supporting talented young students in the region to pursue further education in the arts. For this year's program, two students will attend the prestigious Breno Italy International Music Academy before returning to Timmins where they will provide concerts, participate in the symphony, give master classes to local students and teachers, and act as future adjudicators for the festival.



## Timmins Youth Wellness Hub

Providing programs and services to support youth aged 12 to 25 years old. The Building Youth Resiliency Program will provide youth with opportunities to learn and practice healthy activities and behaviors that will help them develop positive coping skills and resilience to improve their overall wellbeing.



## Cochrane Curling Club

Renovating the Cochrane curling club building to enable continuation of curling programs for all ages and the Cochrane Agricultural Society's annual fall fair, which has been active for 60+ years.

Canada Nickel is committed to contributing to the health, social, and economic wellbeing of our neighbouring communities and the environment. Please review our [Contributions Guidelines](#) to learn more about applying for funding through Canada Nickel's Contributions Program.

Please be reminded that Programs supported by and directly related to an Indigenous community or communities will follow a distinct process from these Guidelines. Such Programs are encouraged to contact Canada Nickel directly regarding requests for contributions, or to speak with a representative from their community regarding outreach to Canada Nickel



The Canadian Mining Expo took place on June 7th & 8th 2023 in Timmins, Ontario at the McIntyre Community Centre. The Expo brought in over 400 exhibitors and 5000 attendees. This year, Canada Nickel Company VP of Sustainability, Pierre Philippe Dupont presented at the event.

## HOW TO REACH US

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## DISCLOSURE STATEMENT

### **Cautionary Statement Concerning Forward Looking Statements**

This press release contains certain information that may constitute "forward-looking information" under applicable Canadian securities legislation. Forward looking information includes, but is not limited to, drill and exploration results relating to the target properties described herein (the "Properties"), the potential of the Crawford Nickel Sulphide Project and associated bulk sample program, the Texmont Project and the other Properties, timing of economic studies and mineral resource estimates, the ability to sell marketable materials, strategic plans, including future exploration and development results, and corporate and technical objectives. Forward-looking information is necessarily based upon several 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. Factors that could affect the outcome include, among others: future prices and the supply of metals, the future demand for metals, the results of drilling, inability to raise the money necessary to incur the expenditures required to retain and advance the property, environmental liabilities (known and unknown), general business, economic, competitive, political and social uncertainties, results of exploration programs, risks of the mining industry, delays in obtaining governmental approvals, failure to obtain regulatory or shareholder approvals, and the impact of COVID-19 related disruptions in relation to the Company's business operations including upon its employees, suppliers, facilities and other stakeholders. 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 press release 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. Canada Nickel disclaims any intention or obligation to update or revise any forward-looking information, whether because of new information, future events or otherwise, except as required by law.