



# Northwest Nuclear Exploration Event

The Wabigoon Lake Ojibway Nation-Ignace area in Northwestern Ontario is one of two potential host areas for a deep geological repository, that would isolate, and store Canada's used nuclear fuel for the very long term.

The Township of Ignace is inviting communities across Northwestern Ontario area to learn more about the nuclear industry and the deep geological repository project near the Revell Site.

Thank you for attending the event and learn more about nuclear topics like nuclear energy, safety, regulations and oversight, the environment, international experiences, project economics, Indigenous Knowledge and more.

April 12th 10am - 8pm  
April 13th 9am - 4pm

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## Message From Mayor

It is with great pride that our community is once again hosting the Northwest Nuclear Exploration Event here in Ignace, Ontario on April 12 and 13, 2024 at the Recreational Centre, the most significant one yet. We officially want to welcome you and the active participants from all aspects and sides of the ongoing dialogue about nuclear energy and its natural cycle.

We are now at the forefront of determining our own community's willingness to potentially host the Deep Geological Repository for the Nuclear Waste Management Organization, the only one of its kind in the world.

We have had many opportunities to visit with colleagues, First Nations, municipalities and toured some of the most interesting nuclear facilities in both North America and the world, including the DGR project in Finland. We continue to make significant strides as a community to bring information, knowledge and advice to our residents and stakeholders on the nuclear industry here in Canada. We recently attended the Canadian Nuclear Association National Conference held in Ottawa where over 1200 delegates from all over the world attended and witnessed firsthand the support and financial resources that are being dedicated to the nuclear industry in Canada by both the Federal and Provincial government.

We have hired consultants, With Chela Inc., that are currently engaged with the community of Ignace and are gaging their willingness on this project. We will soon see the study results of that engagement and it will become another important data point for this Mayor and Council to consider. We have established and want to thank the members of the Willingness Ad Hoc Committee, a committee of Council, for their dedication and leadership to this project. We anticipate that this new committee will play a significant role in developing recommendations and providing guidance to Council on willingness. We are moving closer to a community willingness decision that should take place sometime in mid-summer 2024. This phase will be yet another critical milestone in our process to either move forward as a potential host or not.

On March 18, 2024, Mayor and Council unanimously passed a resolution that allowed this Mayor to sign an historic agreement with the Nuclear Waste Management Organization. The first of its kind in Canada. This agreement is our commitment to not only sharing key and critical information about this project with our community as we approach our willingness timeframe, but an opportunity to lay the economic and social foundation of the future of this community. This historic agreement has become the next logical step forward in

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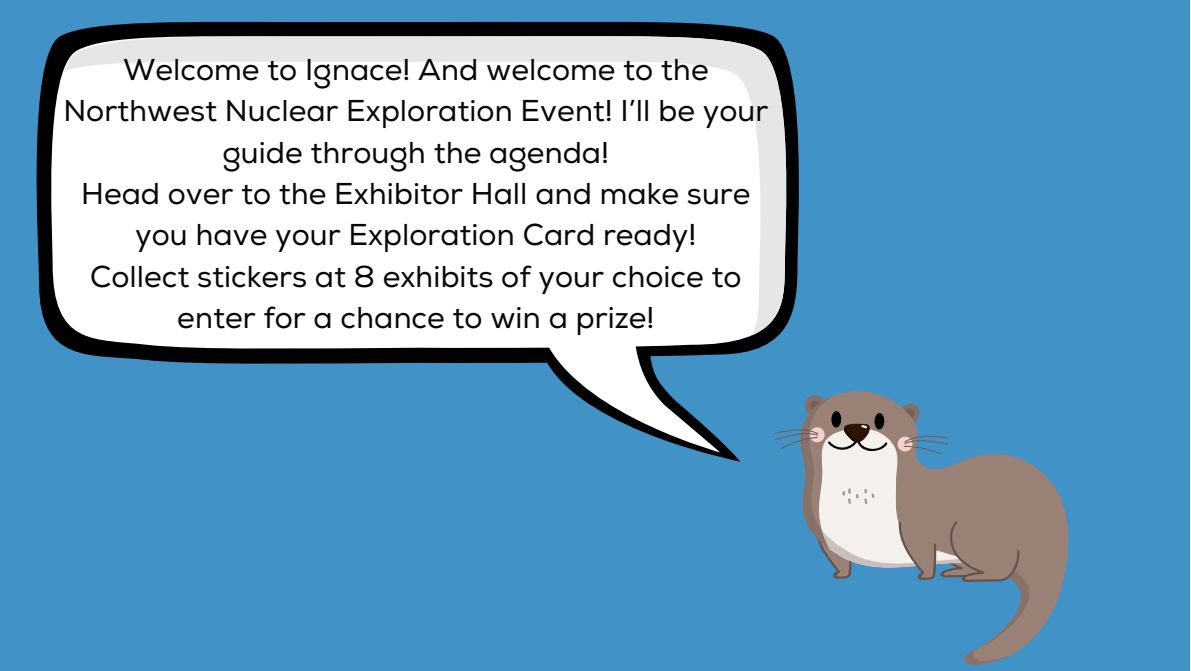
## Message From Mayor

our process to educate the residents of Ignace about the potential to alter and change the landscape of this community for a very long time. We want to take this opportunity to thank and acknowledge our partners and colleagues at Wabigoon Lake Ojibway First Nation for their on-going consideration and willingness determination for this DGR project. The decision to either move forward or not, is not ours alone to make in Ignace, it is one that we share respectfully with our First Nation neighbors. It is one that will consider every aspect of environmental stewardship and reconciliation efforts as they move along with their own negotiations with NWMO. We respect, admire, and appreciate your friendship and decisions.

I want to thank all of those community members, Willingness Ad Hoc Committee members, stakeholders and our government partners alongside our partners at Nuclear Waste Management Organization for their efforts, hard work and dedication to this process and to providing important educational opportunities for our community to continue to stay engaged in this important process. Please take the time to talk, ask questions and engage with everyone participating in this Exploration Event this week.

Thank you and Welcome

Mayor Kim Baigrie  
Township of Ignace



Welcome to Ignace! And welcome to the Northwest Nuclear Exploration Event! I'll be your guide through the agenda!  
Head over to the Exhibitor Hall and make sure you have your Exploration Card ready!  
Collect stickers at 8 exhibits of your choice to enter for a chance to win a prize!



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# Agenda - Friday April 12

**10:00 am**

**Northwest Nuclear Exploration Event Hall Opens**

**10:30 am**

**Smudging Ceremony - Donna Chief, Wabigoon Lake Ojibway Nation**

**11:00 am**

**Welcoming Remarks and Acknowledgement of the Lands - Mayor Kimberley Baigrie.**

**11:30 am**

**Toronto Zoo, Alannah Lymburner - Native Bat Conservation Program (Kids Zone)**

Here in Ontario, we have 8 species of bats but threats such as disease, habitat loss, and wind turbines have resulted in declining populations. Globally, bats play an essential role in pest control (typically eating half their weight in insects during a single night), pollinating plants and dispersing seeds. There are over 1400 species of bats worldwide, making them crucial for maintaining global biodiversity. If you would like to learn more about bats and how you can help conserve the bat species in your backyard, join the Toronto Zoo's Bat Conservation Program.

**12:00 pm**

**Safety of Transporting Nuclear Waste Panel (Presentation Hall)**

A group of seasoned experts including the Ontario Power Generation, NWMO, and the Canadian Nuclear Safety Commission will all be sharing and discussing their individual perspectives and commenting on the latest information and reports available on the safe transportation of used nuclear fuel.

**1:00 pm**

**Keelin Pringnitz - Process and Deliberative Democracy (Presentation Hall)**

During this presentation, Keelin Pringnitz, PhD, will explain the function she and her co-reviewer Dave Hardy R.P.P fulfill as peer-reviewers of the Willingness Process, and the role of "Deliberative Democracy" which is being undertaken within the foundations of the study in how Ignace is choosing to be consulted.

**1:00 pm**

**Going Bananas about Radiation! Chantal Medri, M.Sc., CHP, Section Manager, Radiation Protection and Risk Assessment. (Kids Zone)**

Learn all about radiation while making your very own yummy banana splits! Through fun interactive activities, discover how radiation is everywhere around us, even in bananas. Get ready for a delicious and educational adventure!

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# Agenda - Friday April 12

**2:00 pm**

**Jason Donev - Oppenheimer (Presentation Hall)**

The Oppenheimer movie was the most watched biopic of all time. This portrayal of a founder of the nuclear industry brought the history and politics of nuclear science and technology to a wide audience and has sparked innumerable discussions. This talk will analyze the movie's impact on the public's discourse on nuclear power and how the stories we tell about nuclear science and technology matter for the future of the industry.

**2:00 pm**

**Science North - Introduction to Electricity (Kids Zone)**

Participants will learn about electricity and how we use it in our everyday lives. The culminating activity for this workshop will be to create a "squishy" circuit using LED lights and play-doh.

**3:00 pm**

**Learning Tours Panel (Presentation Hall)**

A group of local representatives and Councillor who attended the learning expeditions from Finland, the Canadian Nuclear Association National Conference and the Northern Saskatchewan Cameco Mine Tour and meetings with the English River First Nations and the Northern Community of Pinehouse will share their takeaways, their experience and knowledge. They will also be able to answer questions about these learning expeditions and be able to articulate what and how small communities were able to work with the nuclear industry in a harmonized and stewardship role.

**4:00 pm**

**Overview of the Integrated Assessment Process (Impact Assessment Agency of Canada)**

The Impact Assessment Agency of Canada will provide an overview of the regulatory process under the Impact Assessment Agency Act for the NWMO Adaptive Phased Management Project. The presentation will cover participation opportunities, the integrated review panel process, and the first phases of the process.

**5:00 pm**

**Science North - Advanced Circuit Building (Kids Zone)**

Participants will learn about the difference between series and parallel circuits using snap-circuits provided by Science North. The workshop will highlight practical applications for each type of circuit, and shine a light on careers involving electricity.

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## Agenda - Friday April 12

6:00 pm

**Nuclear Host Communities' Observations (Presentation Hall)**

**Mayor's Adrian Foster and Blair Skinner.**

Mayor Foster will discuss Clarington's experience hosting the Darlington Nuclear Generation Station as well as presenting Canadian Association of Nuclear Host Communities (CANHC) experience engaging with nuclear host communities across Canada. Mayor Skinner will discuss the Local Government District of Pinawa's experience as the host community of the Atomic Energy of Canada's Whiteshell Laboratories site, and partnership with StarCore Nuclear to demonstrate their first SMR at the Whiteshell Laboratories site.

6:00 pm

**Toronto Zoo, Alannah Lymburner - Native Bat Conservation Program (Kids Zone)**

Here in Ontario, we have 8 species of bats but threats such as disease, habitat loss, and wind turbines have resulted in declining populations. Globally, bats play an essential role in pest control (typically eating half their weight in insects during a single night), pollinating plants and dispersing seeds. There are over 1400 species of bats worldwide, making them crucial for maintaining global biodiversity. If you would like to learn more about bats and how you can help conserve the bat species in your backyard, join the Toronto Zoo's Bat Conservation Program.

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## Agenda - Saturday April 13

9:00 am

**Community Breakfast - Join us in the Kids Zone for a free pancake breakfast!**

10:00 am

**Welcoming Remarks and Acknowledgment of the Lands - Mayor Kimberley Baigrie.**

Join Mayors Baigrie, Skinner, and Foster  
for a delicious breakfast! Everyone is  
welcome!



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# Agenda - Saturday April 13

**11:00 am**

**What is Nuclear Waste Panel (Presentation Hall)**

The Ontario Power Generation, a Western University Professor, and a University of Calgary Professor will be moderated by Keelin Pringnitz, Ph.D and Peer Reviewer for the Willingness Study. The panel will be discussing the most relevant and dated information on the description of nuclear waste and the forms that it takes. There have been many variations and descriptions of the true meaning of nuclear waste. This panel will dissect some of those meanings and explore the most relevant understanding that apply to the Deep Geological Repository being proposed for the Wabigoon Lake Ojibway First Nation/Ignace area.

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**Toronto Zoo, Alannah Lymburner - Native Bat Conservation Program (Kids Zone)**

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**12:00 pm**

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**1:00 pm**

**Canadian Nuclear Safety Commission - Regulatory Process (Presentation Hall)  
Director of Indigenous and Stakeholder Relations Clare Cattysse and Director of Major Projects John Thelen**

The Canadian Nuclear Safety Commission (CNSC) is Canada's life-cycle nuclear regulator. They are tasked with overseeing the use of nuclear energy and materials to protect health, safety, security and the environment. The CNSC will provide an overview of the regulatory process and their role in regulating a potential DGR project. CNSC experts will also provide information on key topics of interest, including public engagement and environmental safety, as well as next steps should the project go forward in the area.

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# Agenda - Saturday April 13

**1:00 pm**

**Going Bananas about Radiation! Chantal Medri, M.Sc., CHP, Section Manager, Radiation Protection and Risk Assessment. (Kids Zone)**

Learn all about radiation while making your very own yummy banana splits! Through fun interactive activities, discover how radiation is everywhere around us, even in bananas. Get ready for a delicious and educational adventure!

**2:00 pm**

**All Voices Panel (Presentation Hall)**

This panel will be populated by two of the regional voices representing those that are concerned about the environmental storage of used nuclear fuel in Northwestern Ontario as well as two local voices who will both share their experiences from a Township willingness and impact perspective. The All-Voices Panel will garner both sides of the nuclear waste dialogue and be moderated by Mr. Andrew Sprunt, who currently acts as the Project Lead between the NWMO and the Township of Ignace.

**2:00 pm**

**Science North - Advanced Circuit Building (Kids Zone)**

Participants will learn about the difference between series and parallel circuits using snap-circuits provided by Science North. The workshop will highlight practical applications for each type of circuit, and shine a light on careers involving electricity.

**3:00 pm**

**Youth Presentation (Presentation Hall)**

The youth will no doubt inherit this DGR project that will span across 170 years in Northwestern Ontario and in Ignace if chosen. This youth panel will provide a brief presentation that discusses the potential impacts on youth in the Ignace area and how these impacts will affect generations in the area. There are no questions that economic development, environmental stewardship, and safety are matters that need to be addressed by the youth of the community today and into the future. A Youth Engagement Strategy will also be available for the public to read.

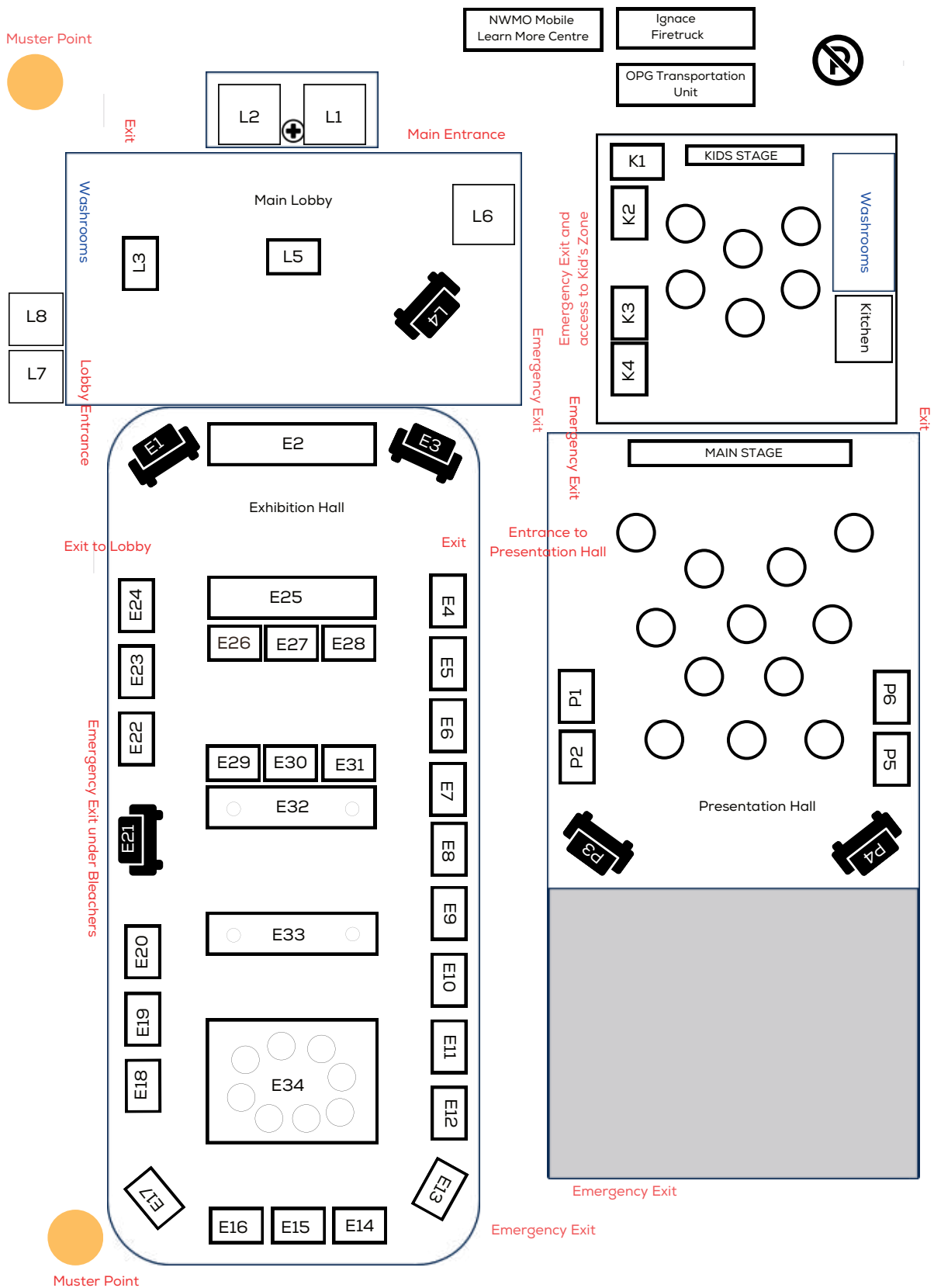
**3:00 pm**

**Toronto Zoo, Alannah Lymburner - Native Bat Conservation Program (Kids Zone)**

Please note that agenda is subject to change.



# Floor Plan



# Lobby

## **L1 - Ignace School 7/8 Canteen**

Use your entrance coupon and enjoy a free meal, compliments of the Township of Ignace. All proceeds go to support the Grade 7 & 8 Toronto Trip.

## **L2 - Exhibitor Hospitality Area**

This area is reserved for exhibitors only, providing tea, water, and light refreshments throughout the day.

## **L3 - Ignace Township and NWMO Hosting Agreement**

On March 18, 2024, the Township of Ignace signed an historic agreement with NWMO to potentially host the Deep Geological Repository in the Wabigoon Lake Ojibway First Nation/Ignace Area. The agreement is a critical piece of information that will be shared in many forums with the community throughout the Willingness process and will act as the parameters of moving forward if both the willingness process moves forward and if Wabigoon Lake First Nations agree to move forward. Members of the Township/Advisors will be on hand to answer any questions about this monumental agreement and what it means moving forward.

## **L4 - Elder's Area and Indigenous Knowledge**

## **L5 - Registration Desk**

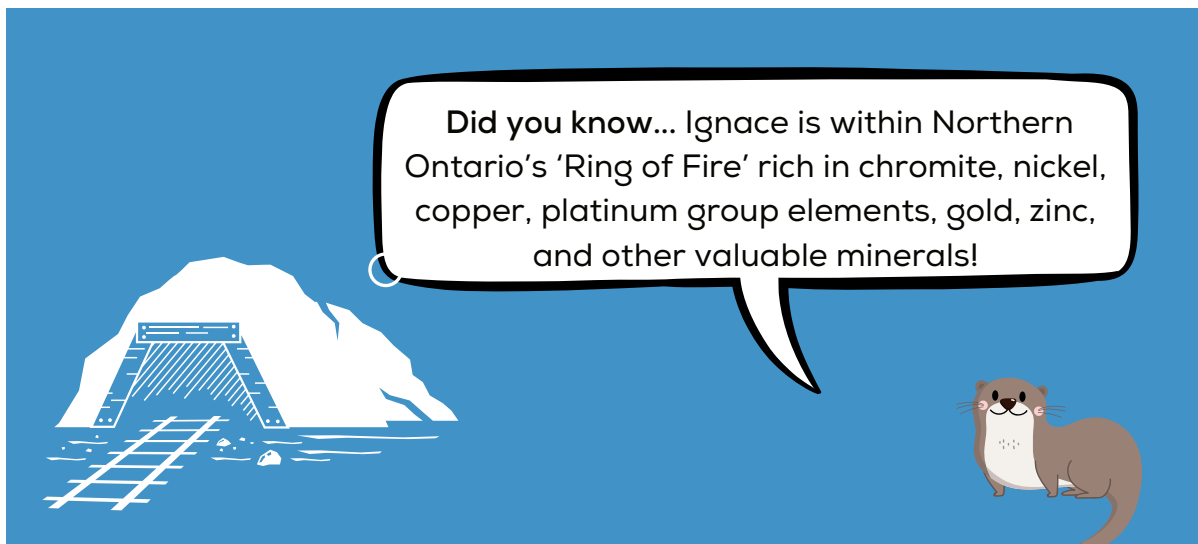
Pick up your Northwest Nuclear Exploration Event participant bag.

## **L6 - Swag Events/Township Office**

## **L7 - With Chela Inc. Registration Office**

In person interview registrations for the engagement will take place at their booth or office.

## **L8 - Quiet Room**

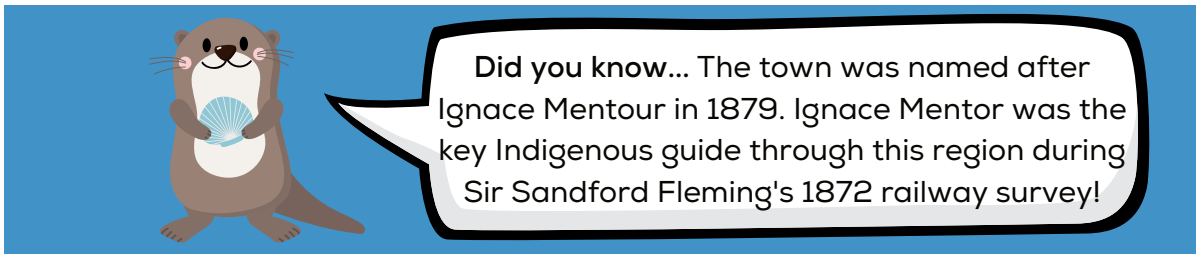


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# Exhibitor Hall

## **E1 - Chill and Chat with the Nuclear Waste Management Organization**

Sit with leadership from the Nuclear Waste Management Organization for casual conversations about the APM project in the Wabigoon Lake Ojibway Nation-Ignace Area. Share your concerns, ask questions, or chat about the project in general. This is a platform for attendees to have casual, honest and open conversations about the project or the community.



## **E2 -Nuclear Waste Management Organization: Conversation Corner**

The conference style exhibit booth provides a unique and welcoming environment for casual conversations with Northwest Nuclear Exploration Event staff, exhibitors, and participants.

## **E3 - Lounge and Learn with Professor Jason Donev**

Prof. Jason Donev is tenured at the University of Calgary. He leads the world's largest and most used energy resource for adults, EnergyEducation.ca. Prof. Jason Donev has received several awards for teaching energy courses. As reviewer for the Intergovernmental Panel on Climate Change, Prof. Donev works to help people understand nuclear power's role in providing reliable energy without emitting greenhouse gasses. He has been coming out to Ignace for almost a decade to discuss the various aspects of the proposed NWMO DGR.

## **E4/E5 - Nuclear Sustainability Services and Decommissioning**

### **Ontario Power Generation**

A division of Ontario Power Generation (OPG) responsible for the safe and environmentally sound nuclear material and radioactive waste management. OPG remains focused on achieving permanent and safe solutions for nuclear material. Come learn how OPG protects the Great Lakes, and the people who make their homes n the surrounding environment. Come and learn about how OPG continually reduces its environmental footprint, manage used nuclear fuel, and the eventual decommissioning of nuclear stations and waste management facilities.

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# Exhibitor Hall

## **E6 - Environment North**

Information on the risks of nuclear fuel waste transport and burial, as well as other information about climate change, forestry, mining, and community resilience.

## **E7 - Contact North/Contact Nord**

Increases the number of underserved Ontario residents who take online programs and courses from Ontario colleges, universities, Indigenous institutes and other providers while remaining in their community. Learn how they work to increase and improve affordable, equitable access to quality education and training for Ontarians to support regional and community economic development, and to promote a culture of lifelong learning.

## **E8 - Nuclear Waste Management Organization: Socio-Economic Studies**

Building on previous work and engagement completed to date, the NWMO and the Township of Ignace worked together to prepare a suite of community studies. Get an overview of the recently completed community studies, as well as an update on the ongoing economic, health and social baseline studies.



Did you know... The Willingness Program has reached over 1000 Ignace community members, with over 166 people providing formal, written comments!

## **E9/10 - Ontario Research Fund, Western University**

The Ontario Research Fund (ORF) project entitled "The Environmental Impact of Engineered Materials Degradation in Porous Consolidated Media" is a large research grant that drives collaborative research focused on the engineered barrier system being proposed by NWMO for the long-term management of used nuclear fuel. This grant has created an inter-University network of more than 80 faculty, staff and students from Western, York, and Queen's Universities, and the Universities of Waterloo and Toronto, partnered with the national nuclear fuel waste management organizations of Canada, Sweden, Switzerland, and Japan. The Project Leader and Principal Investigator will be present to discuss the research and training program and to offer a fun activity for children

## **E11 - Integrated Strategy for Radioactive Waste & Small Modular Reactors (SMR)**

The strategy submitted to the Minister of Natural Resources on June 30, 2023 for consideration, recommends approaches to address the gaps in waste disposal planning for all of Canada's radioactive waste from electricity generation and the production of medical isotopes. Learn about the strategy and the recommendations for long term disposal plans.

# Exhibitor Hall

## **E12 - Toronto Zoo**


The Toronto Zoo's Native Bat Conservation Program (NBCP) and Nuclear Waste Management Organization (NWMO) have been working together to research native bat populations in Ontario. The partnership between the Toronto Zoo and the NWMO is a natural fit given our ongoing commitment to protecting the environment, which includes the people and native species within it. The Native Bat Conservation Program advances the national recovery strategy for bats by gathering data on bat populations and spreading the message that bats are threatened, not threatening.

## **E13 - Nuclear Waste Management Organization: Environmental Program**

The baseline program is part of the NWMO's ongoing investigations for the long-term management of used nuclear fuel. The data collected will help inform the site selection process and contribute to an understanding of the local environment and how it can be protected. The environmental work is extremely robust and covers a wide range of subjects, including soil sampling, tissue chemistry, hydrology, surface water quality, atmospheric studies, terrestrial ecosystem mapping, and more. Learn about the co-designed environmental baseline monitoring program, its results based on the work that has been accomplished to date. The NWMO is developing a comprehensive environmental and biodiversity baseline program with the involvement of municipal and Indigenous communities in the area. Learn about the opportunities available for community members to get involved with the program through training and sample collection.

## **E14/15 - Environmental Baseline Monitoring Programs**

Raise your awareness of the Baseline Monitoring Programs in the Township of Ignace and the surrounding area. Displays and demonstrations will provide background project information, highlight ten of the ongoing and future field programs, and introduce members of the consultant team. The event will also help to promote awareness of the Baseline Monitoring Program's Virtual Open House.



Did you know... The Sandbar-Press Lake canoe route is 160 km long and usually takes 9-12 days to enjoy.

# Exhibitor Hall

## **E16 - Nuclear Waste Management Organization: Radiation**

Used nuclear fuel is radioactive. Learn about radiation, where it comes from, and how it behaves, and decide for yourself what levels of radiation are safe. This interactive booth uses a Geiger counter (an instrument that can detect radiation) to measure radiation from various samples.

## **E17 - Popcorn Station**

## **E18 - We the Nuclear Free North**

An alliance of people and groups opposing a Deep Geological Repository for nuclear waste in Northern Ontario.

## **E19/E20 - Nuclear Waste Management Organization: Confidence in Safety**

The Nuclear Waste Management Organization (NWMO) has published Confidence in Safety reports for each of the two potential sites being considered to host a deep geological repository to store Canada's used nuclear fuel. The reports indicate the sites can meet the project's requirements to contain and isolate used nuclear fuel to protect people and the environment. Understand the geological characteristics and other reasons for NWMO's confidence that the Revell site would be suitable for a deep geological repository (DGR).

## **E21 - Corporation of the Township of Ignace**

The Township of Ignace put up its hand back in 2010 to potentially look at all of the aspects for and against, arguments and discussions related to the placement of a Deep Geological Repository in Canada. It is now one of two remaining municipalities/two First Nations and part of process to determine its own willingness through a variety of municipal engagement vehicles. The Corporation of the Township of Ignace will be represented by the Mayor and Council and senior staff that are directly engaged with the community and are facilitating a fair and equitable process to gauge the willingness of the community in a variety of ways. The Township continues to work closely with its partners at the Nuclear Waste Management Organization(NWMO) and is currently managing a Multi Year Funding Agreement for 2024 that invests dollars back into the community in collaboration with this process.

**Did you know...** That at the Ignace Tourist Information Centre there are nine themes illustrating the life/history of Ignace: early Peoples, Exploration, Fur Trade and Settlement, Railroad, The Town, Mining, Quarrying, Logging, Road and Air Transportation.



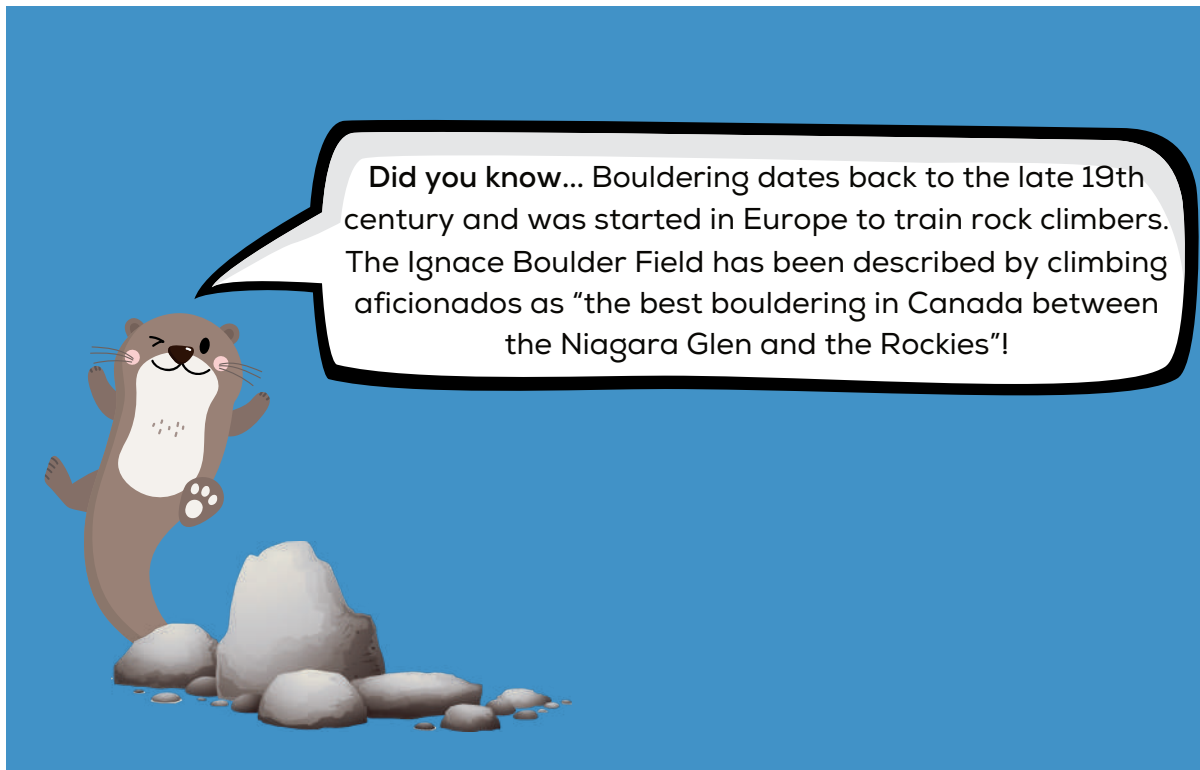
# Exhibitor Hall

## **E22 - Nuclear Waste Management Organization: Engineered Barrier System, Used Fuel Cannister, Corrosion and Microbiology**

In the deep geological repository, a series of engineered and natural barriers will work together to contain, and isolate used nuclear fuel to protect people and the environment for generations to come. Learn what NWMO's Engineered Barrier System is and how the barriers will work to safely contain, store and isolate used fuel.

## **E23 - Northwatch**

Environment North's goal is to benefit the community by protecting the environment and increasing the public's understanding of the risks of nuclear fuel waste transport and burial.



## **E24 - Canadian Nuclear Safety Commission (CNSC)**

The Canadian Nuclear Safety Commission (CNSC) regulates the use of nuclear energy and materials to protect health, safety, security, and the environment; to implement Canada's international commitments on the peaceful use of nuclear energy, as well as to disseminate objective scientific, technical, and regulatory information to the public. Under the Nuclear Safety and Control Act, CNSC's mandate involves four major areas. Learn what those are and learn about the legislation and guidance documents that inform their regulatory framework.

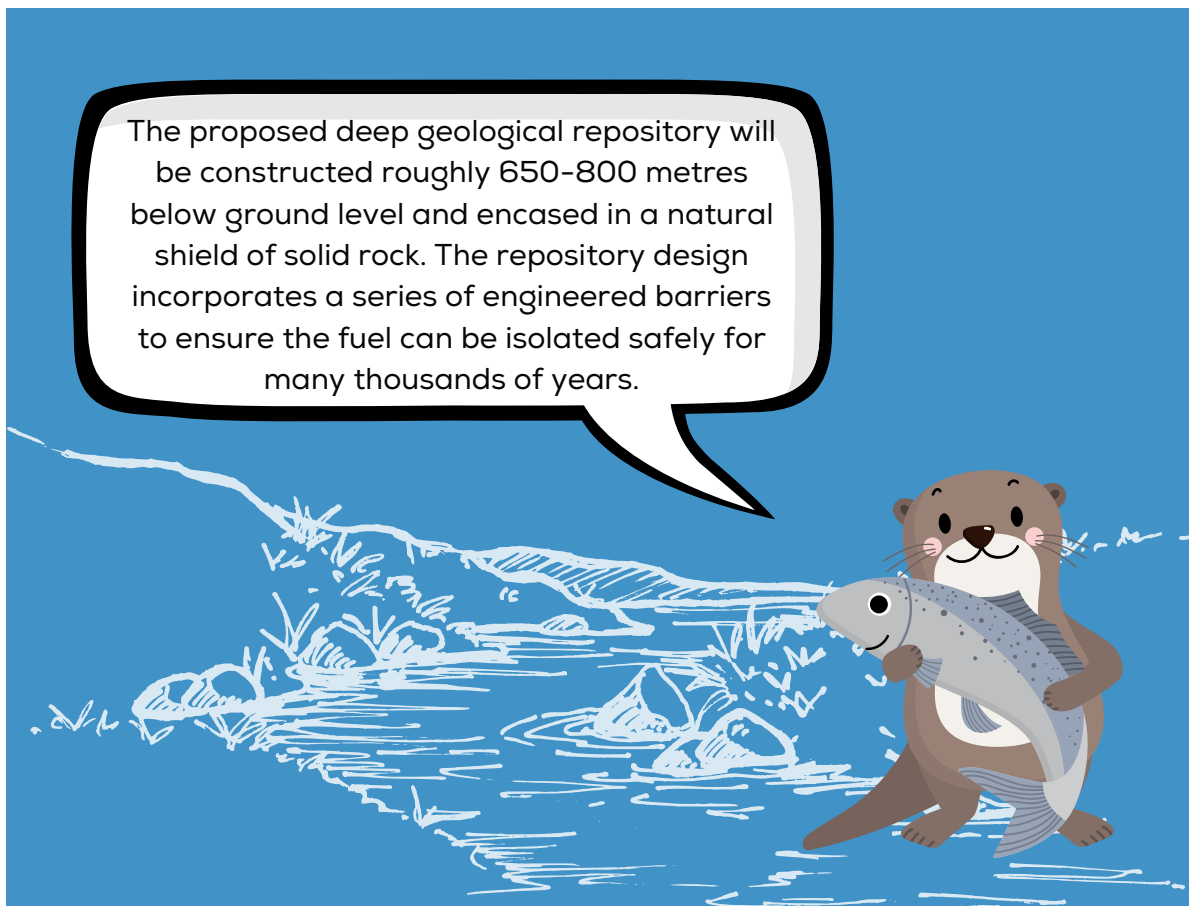
# Exhibitor Hall

## **E25 - The Willigness Ad Hoc Committee**

A group of interested community residents, two Councillor representatives and senior staff at the Township of Ignace make up this important vehicle as a procedural committee of Council. There are currently nine members of the community that make up the Willigness Ad Hoc Committee and operate under a Terms of Reference as a guide to engagement with community members. They will continue to be charged with disseminating and bringing back important information, recommendations and guidance to Mayor and Council on the overall willingness of the residents of Ignace towards the establishment of a Deep Geological Repository in Northwestern Ontario if so, chosen by the NWMO in late 2024. Join members of the committee to learn more about their process.

## **E26 - Impact Assessment Agency of Canada (IAAC)**

The Impact Assessment Agency of Canada (IAAC) is responsible for the regulatory process under the Impact Assessment Act. A project such as the NWMO APM's would be subject to an integrated assessment, conducted with the Canadian Nuclear Safety Commission for initial licensing under the Nuclear Safety Control Act.





# Exhibitor Hall

Did you know... White Otter Castle is a three story log cabin built in the early 1900's. James A. McOuat, a lone trapper, built his home out of large red pine logs some weighing 1600 pounds. "I put it up without any help whatever," Jimmy said back in 1914.



## **E27 - Nuclear Waste Management Organization: Surface and Underground Facilities**

Surface facilities at the deep geological repository site will receive, inspect, and repackage used nuclear fuel bundles to be centrally contained and isolated over the long term. Learn about the surface and underground facilities and infrastructure at the APM DGR site.

## **E28 - Nuclear Waste Management Organization: Used Fuel Packaging Plant**

The Used Fuel Packaging Plant will be one of the primary surface facilities at the deep geological repository site which will receive, inspect, and repackage the used nuclear fuel bundles. Learn about NWMO's used fuel packaging processes and hot cell operations.

## **E29 - Nuclear Waste Management Regulatory Decision Making: Impact Assessment and Licensing**

The NWMO team will be able to answer questions about the processes associated with the Impact Assessment and Canadian Nuclear Safety Commission Licensing, the NWMO's role and responsibilities as a proponent, our anticipated timelines and planned opportunities for engagement.

## **E30 - Crossroads Employment Services**

Crossroads Employment Services is part of Employment Ontario's network providing employment support and incentives to both individuals and employers on behalf of the provincial government. Gain insight into potential pathways as they showcase current and future job and training opportunities.

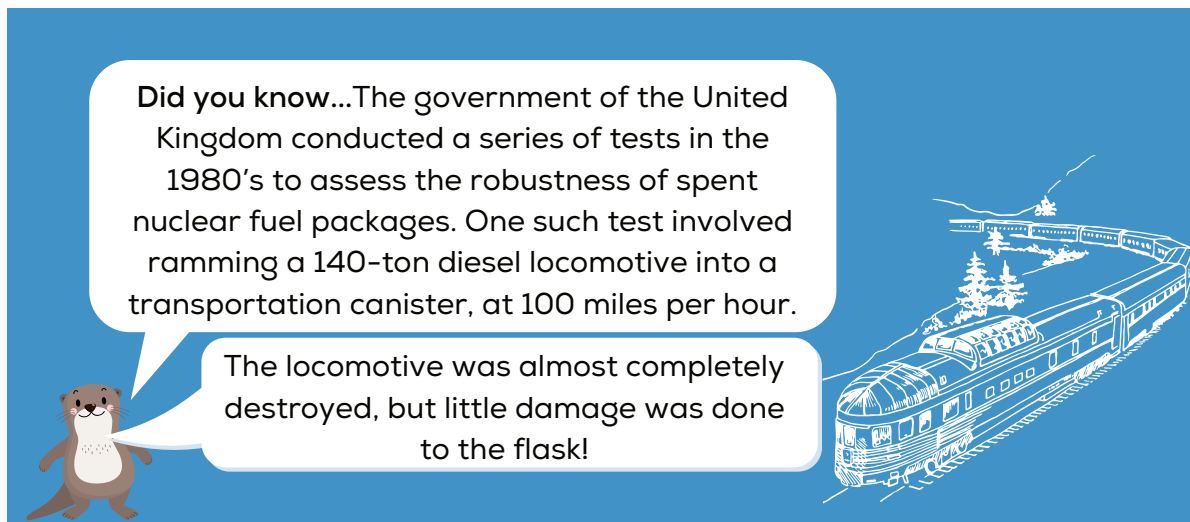
# Exhibitor Hall

## **E31 - Nuclear Waste Management Organization: Used Fuel Transportation and Engineering Package & Design**

Canada's plan for the safe, long-term management of used nuclear fuel includes transporting it from current interim storage facilities to a deep geological repository to be centrally contained and isolated over the long term. Learn how the NWMO is planning to safely transport used nuclear fuel in Canada.

## **E32 - Finland Tour Delegation**

Please join members of the community who attended a visit to Finland's Deep Geological Repository and Mine. The sole purpose of this mission was to meet and learn from Finland, from local officials in the communities of Rauna and Eurajoki where the Ignace delegation undertook an underground tour at Onkalo - DGR and toured their Nuclear Power plant. Come and ask questions about the community meetings that were held with local officials and how Finland created a secondary industry for tourism and centre of knowledge for its upcoming opening of the DGR.



Did you know...The government of the United Kingdom conducted a series of tests in the 1980's to assess the robustness of spent nuclear fuel packages. One such test involved ramming a 140-ton diesel locomotive into a transportation canister, at 100 miles per hour.

The locomotive was almost completely destroyed, but little damage was done to the flask!

## **E33 - Nuclear Waste Management Organization: Virtual Reality Tours International Experience**

Take a virtual reality tour of the tunnels of Onkalo, the world's first permanent underground repository of its kind where Finland plans to store their country's highly radioactive waste.

## **E34 - Nuclear Waste Management Organization: 8 Module Open House**

The redesigned display comprises eight modules covering topics ranging from safety and transportation to community well-being and Indigenous Knowledge. Take a self guided tour of the Nuclear Waste Management Organization's Adaptive Phased Management Project to learn about Canada's plan for the long-term management of used nuclear fuel.

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# Presentation Hall

## **P1 – No Nuclear Waste in Northwestern Ontario**

A Dryden-area task force taking action to stop the burial of high-level nuclear waste in Northwestern Ontario.

## **P2 – Canadian Association of Nuclear Host Communities (CANHC)**

The Canadian Association of Nuclear Host Communities (CANHC) represents a broad cross-section of communities with a common interest as a host (or potential host) of nuclear technology in Canada. In this manner, host communities benefit from leveraging learnings and experiences to provide the essential infrastructure needed for nuclear, while also nurturing their community missions and visions. Through such focus, CANHC can facilitate and strengthen each host community at the local, provincial, and national level to accomplish several goals. As the nuclear industry prepares to broaden its scope beyond the currently limited number of communities with nuclear related industries in Canada, and as nuclear is seen to be an important contributor to reducing the effects of climate change, the role that CANHC plays will be significant. In addition, with the potential for nuclear presence in small communities with limited resources, having the support of a strong organization that includes larger, more experienced nuclear communities, provides host communities with valuable resources, support and input.

## **P3 – Peer Reviewers For The Willingness Study**

Peer reviewers, Dave Hardy, R.P.P and Keelin Pringnitz, Ph.D are available by drop in to answer any questions you may have regarding the Willingness Study process.

## **P4 – With Chela Inc.- Ignace Willingness Engagement Team**

The Township of Ignace has retained municipal engagement specialists, With Chela Inc., to undertake an important engagement study of the community and its residents with respect to indication of their willingness to potentially host the DGR project. There have been ongoing discussions and engagement opportunities with members of the With Chela Inc team on the ground, and through website and questionnaire participation. Members of the With Chela team will be on hand to encourage engagement and participation in this critical process of willingness. Find out more about how you have your voice heard. In person interview registrations for the engagement will take place at their booth or office (L7).

## **P6 – Dryden Friendship Centre**

Provides a gathering place and serve the needs of the Indigenous people in Dryden and surrounding area, the Dryden Native Friendship Centre has become an active, thriving Urban Indigenous Hub Agency – a Gathering Place in the City of Dryden, that also provides outreach services to the community of Wabigoon.

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## Kids Zone Activities

### Explore and Grow with the NWMO

#### K1 - Robotic Arm

Come out and try your hand at the robotic arm and stack the mock Bentonite Clay Boxes (wooden blocks) or the fuel bundle keychains into the DGR! Get a glimpse into the future technology that will be used in years to come.

#### K2 - Making Geode's / Sugar Crystals

Saturday, April 13 9:00 AM – 12:00 PM

A geode is a hollow rock containing minerals or crystals deposited by mineral-rich water. Natural geodes take millions of years to form, but you can make your own homemade geode to take home and watch as it forms much faster.

#### Chocolate Core Samples

Saturday, April 13 2:00 PM – 4:00 PM -

Geologists use large drills to take what are called core samples of soil and rocks on Earth. These core samples let geologists study the layers of rocks and dirt which can tell us things about Earth's history. This tasty activity will let you act like a geologist, but you can make "core samples" from candy bars!

#### K3 - Science North

Four tables of interactive electricity themed activities.

#### K4 - Corporation of the Township of Ignace Kids Zone Booth

Baking soda dino eggs: using vinegar in spray bottles. Kids will uncover a dinosaur hidden inside. There will also be bins of treasure filled with orbeez, where kids can discover diamonds hidden inside.

Join us for **FREE BOWLING** on Friday from 4 - 8pm and Saturday from 10am - 3pm! Games, colouring pages and other activities will be available all day in the Kids Zone!!

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## Special Thanks

We would like to thank the Grade 7 & 8 Toronto Trip Fundraising Committee for operating the canteen, and providing us with wonderful food for two days!

Also thank you to everyone who participated and attended this important event!