

## FIRST NATION & INUIT RESOURCES EDITION

**Winter 2018** 

## Fission Uranium

### **YLC**

What nation watches the death of its children and does nothing?

## **David Suzuki**

On climate, OECD head embraces environmentalism



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### SUBSTANCE ABUSE CENTRES

Canadian Treatment Services:

www.ccsa.ca/Eng/KnowledgeCentre/ OurDatabases/TreatmentServices/Pages/ default.aspx

> Canadian Addictions Organizations:

www.ccsa.ca/Eng/KnowledgeCentre/ OurDatabases/AddictionsOrganizations/ Pages/default.aspx

Directory of the National Native Alcohol and Drug Abuse Program (NNADAP):

www.hc-sc.gc.ca/fniah-spnia/substan/ads/ nnadap-pnlaada\_dir-rep-eng.php



### Subject: Cree Mineral Exploration Board

The Crisk Minimal Englaration Board was project as a report of the signed agreement Stoy de Brases) between the Cros Notion and the Quebec Government. A five year implementation agreement was signed for funding purposes between the Gree Regional Authority, One Winney Exploration Fount and the Quebec Countries.

The main purposes of CMER includes amongst others the following:

- I) assist the Cress in accessing mineral equiparation apportunities.
- 2) facilitate the development of reinoral exploration activities.
- 3) Facilitate and encourage the access by the Coest and Dies Enterprises to regular Quotics program funding and other encouragements for minimal explication authorises.
- 45 Act as an entry macranism for offices of parvices by Drean and Dree Enterprises in the field of extremal engloration.

Furthermore and according to the Ameual Program of Activities — CMED (2003-2004), the books promotes initiate and support training programs, and furnish assistance to job development, programs. The CMEB grow this also geological and geosciences based expedition to the communities and the introduced explanation. This includes guidance to the geosciences data and environmental impacts assessment.

If your are a Cree and are considering to submit a proposal to the CMEB please get in touch with the Chief Geologist Youcef Larbi in Wemindji at 819 978 0264 extension #327.







www.fissionuranium.com TSX:FCU

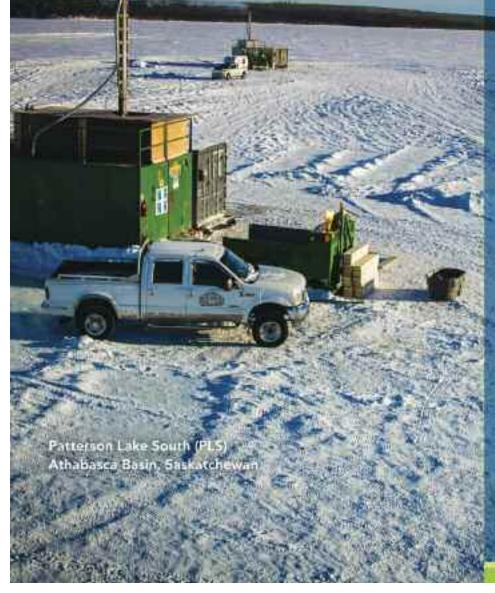
At Fission, we believe the discovery of clean, efficient energy is good for the environment and good for Canada.

For more information, visit us at www.fissionuranium.com.

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The push for more clean energy continues to move forward. The world is still heavily reliant on coal, oil and gas, all of which create enormous pollution, but wind and solar are gaining traction and so is one other crucial, clean energy: nuclear. When it comes to powering national grids, the only clean energy that can provide the large, stable supply needed is nuclear. It has a low operating cost and is fueled by something that Canada has a lot of... uranium. Canada is the world's second largest uranium producer and, in the province of Saskatchewan, you will find the richest uranium deposits on earth. You don't need much of it to run a nuclear reactor. In fact, just one uranium pellet, which is not much larger than a dime, generates the same amount of energy as 2000 lbs of coal or three barrels of oil.

Uranium is actually surprisingly common and is one of the most abundant elements in the earth's crust. The issue for producers is that most uranium deposits are so low grade it's uneconomic to extract them. Even then, when you do succeed in finding an economic deposit, you're looking at a very long road before you can turn it into a mine, due to one of the toughest permitting regimes in the mining industry. Saskatchewan is home to the highest uranium grades in the world. In fact, the province's Athabasca Basin region is the source of 100% of Canada's uranium production.

Saskatchewan has a history of uranium mining that stretches back 60 years and some of the professionals active in the industry are 3rd generation miners and workers. While the province supports miners and the

employment and investment they bring, it's strict and unbending approach to permitting and environmental controls is well-known throughout the worldwide mining sector. For companies that are committed to best practices as well as their local community, it's a good place to work.

Fission Uranium discovered the first highgrade uranium resource in Canada that is near surface and hosted in bedrock - the Triple R deposit - and yes, it's in Saskatchewan's Athabasca Basin region. The discovery resulted in an ongoing exploration boom that injected new life and energy into the local economy as other companies, including NexGen Energy and PurePoint Uranium, conducted their own, successful exploration activity. In recent years, tens of \$millions have been spent in the region, which in turn has created a level of demand for staff and services that hasn't been seen in the Western Athabasca region for nearly 40 years – when the first major discoveries were being made in the Basin.

As one of the active exploration companies in the region, community support and development are vital aspects of how Fission operates and the company's management and technical team have ties with the local community that stretch back as much as 30 years. During the drilling seasons, the company directly and indirectly through contractors can employ over 80 skilled workers from the northern region— from geology technicians and drillers to carpenters, truckers and security.

Fission's on-site base of operations — Big Bear Camp — is one of the largest, and mostestablished, camps in the south west area of the Basin. It's run by members of the River Dene Nation and much of the camp's equipment, not to mention all of the team housing, is provided by companies from the local community. Employment isn't the only area Fission continues to deliver on. The company also sponsors educational programs for local youths and local sports teams.

The recently re-elected Chief of the River Dene Nation — Chief Teddy Clark — Is an influential member of Fission's Advisory Board, and has been for several years. In addition to regular correspondence with the local community and stakeholders through Chief Clark, Fission attends community meetings and conducts stakeholder road trips, during which the company's President and Chief Geologist meets one-on-one with stakeholders, community groups and individuals.

Nuclear energy the cleanest form of baseload energy available. Baseload energy is required for the proper functioning of power grids. Unfortunately, wind and solar do not provide base-load energy and this can cause problems for power grids. Also unlike renewables such as wind and solar, nuclear energy does not receive huge government subsidies. With world-wide demand for electricity expected to grow by as much as 150% by 2035, the world needs more clean energy and a proven way to reduce reliance on fossil fuels such as coal and gas. Fission believes nuclear energy is the best way to achieve that and will play its part as a successful uranium explorer.





## Cartier launches Drill Program on Four Active Projects

Cartier Resources is a gold exploration company focused in the Abitibi region of Quebec. During the recent downturn in the gold market Cartier strategically acquired an impressive portfolio of projects and has been able to advance them enough to attract the interest of Agnico-Eagle, which made a \$4.5-million investment to purchase a 19.9% stake in the company in December 2016. This was followed by two financings: \$3.5 million in March and \$6.0-million in May, which brought in new institutional investors. The company is now well funded and an

aggressive 50,000-metre drill program was launched on the Chimo Mine, Wilson, Benoist and Fenton.

Cartier anchors its strategy in the old adage that "the best place to find a new mine is next to an old one". This time-tested approach has a lot of truth to it, and odds of success are usually better than for a new greenfield project.

### Cartier's Flagship project

The Chimo mine was operated for three different periods in the past, most recently



CARTIER'S STRATEGY
FOCUS EFFORTS AT GOOD PLACE

BEST CARE BUT LAST PROBABLE AND LONG & EXPENSION LONG & EXPE

shutting down in 1997 owing to low gold prices (low US\$300s) and the previous operator's other corporate priorities. The past mining infrastructure is contained in roughly a cubic-kilometre (1 km x 1 km x 1 km). Cartier's primary focus is the exploration of the lateral and depth extension existing mineralization proximal to the mine workings. The project is located ~30kilometres east of Val d'Or, which makes for easy logistics during exploration, and with several mills in the region, it is possible that the mine could re-open utilizing a nearby mill rather than rebuilding infrastructure on site (which would simplify and accelerate the permitting process and timetable).

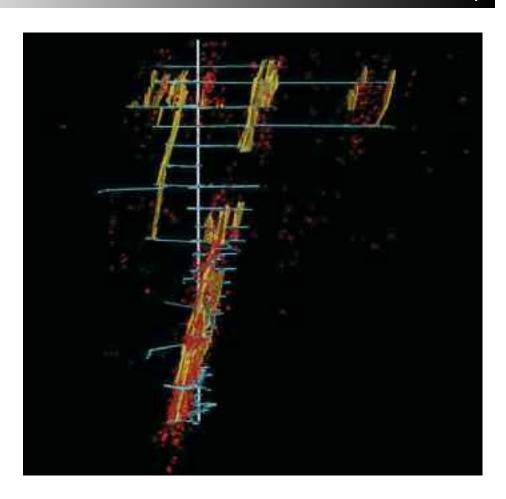
The mine infrastructure consists of a network of drifts distributed on 19 levels, 80–870-metres deep, connected by a three-compartment shaft 920-metres deep. Although the headframe and surface facilities were dismantled in 2008, the two mining



leases are still valid. The shaft was capped with concrete, and while the underground workings were allowed to flood naturally, they are believed to be in good condition and could potentially be de-watered and rehabilitated.

Earlier this year, Cartier provided results from exploration up to 650 metres east of the former Chimo mine. All holes hit gold mineralization, some encountering multiple zones in the same hole. Best results include 7.0 metres @ 8.2 g/t and a bonanza grade 1.0 metre @ 88.6 g/t. This confirms the company's strategy to test multiple stacked/parallel zones in addition to the depth extension potential at the historical mine.

The program consists of two phases: a first phase of 20,000 metres will explore the lateral and depth extensions (250–650 metres vertical depth) of 24 gold zones; a second phase of 5,000 metres will explore the deep extension of the main gold zone (5M and 5N ab 5B) of the old Chimo mine (1,050–1,550 metres vertical depth).













## A Vision That Leads to Balancing Environmental, Social and Economic Influences

### The Bulk Sample stage is upon us.

Margaux Resources Ltd. (Margaux is working with the award winning West Kootenay based Salmo (River) Watershed Streamkeepers Society (SWSS). Together they will assess the viability of remediating historical mine tailings and simultaneously assess and produce marketable concentrate from those tailings

This unique partnership is driven by a vision to be leading and responsible providers of successful, resource-based opportunities for all of our stakeholders. "We want to see industrial initiatives work side-by-side environmental goals." Said Tyler Rice CEO of Margaux. "The Margaux-Streamkeepers partnership would like to showcase that it is possible to generate revenue from industrial activities, while also benefiting environment" (Gerry Nellestijn Coordinator SWSS). To this affect significant goals of this project are to ensure that water quality and tailings characteristics are well understood and where possible will be improved by minimizing these tails as a contributor to the pollution stream, if they are determined to be contributors. Although the bulk sample activity affords little opportunity to make meaningful change it does allow for structuring change if sampling proves feasible for next steps.

More broadly, Margaux and Streamkeepers have entered into a Partnership agreement to assess further tailings remediation opportunities, including both those associated with historical mining activities on or adjacent to Margaux lands, as well as others in the Salmo River basin, where there are more than 40 historical abandoned tailings deposits. Arguably, today these collectively represent a significant long term Crown liability, as few paths to remediation of orphaned tailings are otherwise available that do not translate into a significant public liability. In addition, there are tailings deposits in the region that may have a clear chain of private ownership, but no certain prospect of remediation.

Both Margaux and Streamkeepers are of the view that tailings, in particular orphaned tailings, collectively and individually represent a significant regional issue. In many cases these tailings pose current and long term risks within the regional watershed, affecting habitat health, aquatic species, and water quality as it pertains to human health. At the same environmental remediation of these tailings may present opportunity -- for regional economic development, employment, local procurement of goods and services, and community enhancement.

The agreement between Margaux and Streamkeepers is aimed at accumulating expertise, technological insights, and a pool of local resources, which will help the partners to develop a business case and assume a leadership position in the remediation of such tailings.

Similarly, Margaux and Streamkeepers wish to collaborate with regulatory authorities in the Province of BC to explore ways to develop





this potential. This will include the consideration of issues associated with the assumption of tailings liabilities, in order to find workable frameworks in which to move forward on this important issue.

In this regard, the historical tungsten tailings project located on Iron Mountain south of Salmo BC is being approached by the Partnership as a pilot, from which "we expect to derive significant learnings, and through which we will be further cultivating the collaborative model, including collaboration, engagement and consultation with stakeholders", agreed Rice and Nellestijn.

As a prerequisite to this application, Margaux has evaluated several globally available milling options, and the Bulk Sample project would be intended to determine the effectiveness of a milling technology that Margaux, through its research, has identified as most prospective for step 1 toward remediation of the historical tungsten tailings. Furthermore, Margaux has entered into a agreement with Cronimet Mining and Processing Inc. ("Cronimet"), a global industry leader that will contribute its proprietary technology and expertise in the beneficiation of tailings, with a longer term view to remediating the site.

## Rapid Assessment and Rapid Remediation Process (RARR)

RARR was developed by the SWSS with Margaux as a place-based and communitybased process allowing for either temporary or full remediation of mine tailings sites in consultation with the Land Remediation Section (LRS) of the BC Ministry of Environment. The purpose of this process is to quickly identify, analyze, and remediate abandoned tailings. If needed. characterization and temporary remediation can initialize a more permanent remediation process that can be completed later on by the LRS and their partners as resources become available.

Assessments will be carried out by a team of local professionals, environmental experts, and technicians, and will employ local experienced heavy machinery operators as needed for remediation processes.

The process has four main steps:

- 1. Identification of an abandoned mine tailing site and its site characteristics,
- 2. Assessment of the site's geographical, biological, and chemical components,
- 3. Analyzing assessment results; and
- 4. Remediating the tailings with the appropriate, selected, pathway(s).

Detailed processes of each of these four steps have been created based on the guidelines, protocols, and schedules found in BC's Environmental Assessment Act and Contaminated Sites Regulation. Consequently, RARR methodology uses a combination of gathering information through local knowledge and online resources, site visits, sampling, and qualitative and quantitative assessments to determine possible remediation pathways This will allow for a rapid yet detailed characterization of the site, the tailings, as well as the potential human and ecosystem health risk.

Specifically, RARR will collect data from the following

### **ONLINE**

- MINfiles associated with the tailings for historical information
- Footprint and adjacent land ownership/usages
- On-site or downstream water licences

### IN FIELD

- Inventory of potentially impacted vegetation and waterbodies
- Vegetation and wildlife conditions/exposure

### IN LAB

Chemical analysis of tailings and any associated water

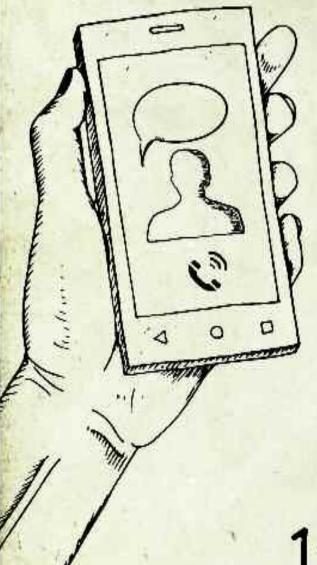
Using this information, the RARR team can create a remediation plan for the tailings of interest. Three potential pathways, or a combination of these, have been identified:

- Reroute surface water that may move tailings, cap and cover to negate snow melt/rain activated erosion, and/or as resources allow.
- 2. Recycle the tailings to extract potential value and separate heavy metal and other contaminants.
- 3. Removal of tailings and restore the site.
  RARR offers a summary package that
  characterises the site, surface water, snow
  melt and rain activated tailings leaching
  elimination and a remediation plan or other
  possible approaches. Each
  recommendation is site specific however
  the RARR approach is transferable.

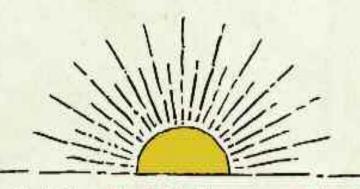
Industry and government consultation is moving ahead in a spirit of collaboration.



## NEED TO TALK?



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1-855-242-3310

Pub. 170025













## SLAM Exploration Ltd.

## New Brunswick Activities 2018

SLAM Exploration Ltd. is actively exploring for zinc, cobalt, gold and other valuable metals in the mineral-rich Bathurst Mining Camp located in the province of New Brunswick. The Bathurst Mining Camp is famous for large volcanogenic massive sulphide deposits such as the Brunswick No. 12 mine owned by Glencore. The massive No 12 deposit was discovered in 1953 and operated continuously from 1964 until it ran out of ore and closed in 2013. It produced 150 million tonnes of zinc-lead-copper- silver ore during this 50 year period. Provincial geological records show that the same volcano-sedimentary strata that control these deposits extend beneath the Connector property owned by SLAM.

Trevali Mining Corp. currently operates the Caribou zinc-lead-copper- silver mine approximately 30 km northwest of the No 12. It is a similar style of volcanogenic massive sulphide deposit that is producing mineral wealth and jobs for the province of New Brunswick and its people. Local First Nation community members are participating in and receiving benefits from this operation.

SLAM owns a 32,000 hectare spread of mineral properties that are underlain by volcano-sedimentary rocks similar to rocks around the Brunswick 12 and Caribou ore bodies. These include the Portage, Connector, Lower 44, North Rim and other volcanogenic massive sulphide properties. SLAM also owns the Ramsay cobalt property about 25 km west of Caribou where drilling indicates potential for cobalt, copper and gold.

Finding hard rock mineral deposits in this area is equivalent to solving technical puzzles. The pieces of the puzzle are the huge database of geological, geophysical and geochemical data that have been collected over the years by government, by previous workers and companies, and, by SLAM's

exploration team. SLAM employs state-of-the-art techniques to integrate this historical data and combine with new information gathered by airborne and ground-based technologies. In-depth interpretation is undertaken using advanced Geographic Information System (GIS) compilation and processing technologies to interpret complex geological features, mineral deposits and potential ore bodies. These are identified as targets for follow-up exploration.

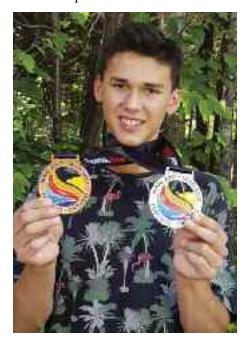
Follow-up involves traditional, boot and hammer prospecting and geological methods as well as application of detailed geochemical and geophysical techniques. The most promising targets may be explored at depth by diamond drilling. The initial target depth is usually in the order of 100 metres or so but in some cases the target lies much deeper. in either case slam attempts to combine technology with more traditional exploration tools.

SLAM has successfully used this approach in the past for gold exploration in northwestern New Brunswick. After compiling regional geochemical surveys into a GIS system, SLAM identified a number of targets and followed up with old fashioned boot-and-hammer prospecting. This resulted in discovery of a number of gold occurrences in 2012 including the Maisie gold deposit and Zone 9. SLAM is looking for a partner to explore these discoveries at depth in this potential Appalachian gold district.

These techniques are now being applied in the Bathurst Mining Camp which is showing a resurgence of exploration activity. SLAM's proprietary database is a powerful tool for project generation, implementation and management for exploring SLAM's strategic land package.

SLAM also owns 3 projects in the gold producing Uchi sub-province of northwest Ontario These include the Miminiska and Opikeigen gold projects as well as the Reserve Creek project where the Company previously drilled a high grade gold deposit with bonanza grade assays ranging up to 274 g/t gold over 0.5 m and 16.45 g/t gold over 16.85 m. The Company is seeking partners for advancement of this important gold project.

SLAM subscribes to and applies standards and best practice guidelines to conducts its operations in compliance with provincial and federal environmental regulations with as little impact as possible. We also subscribe to a high level of responsible community engagement, recognizing that companies now have to earn a social license to operate in any SLAM has endeavored to iurisdiction. dialogue with First Nations even though its activities have been of a preliminary and exploratory nature. Our Company has achieved great benefits from such dialogues. As projects become more advanced, SLAM intends to expand its First Nations dialogue and eventually, as necessary, evolve such dialogues into a full stage and formal consultative process.





## Canada's Top Employers for Young People

APTN Stands Out and Stays Ahead

February 9, 2018, Winnipeg, Manitoba – APTN has been acknowledged by MediaCorp Canada Inc. as one of Canada's Top Employers for Young People, now two years running. This designation distinguishes employers that offer the nation's best workplaces and programs for young professionals.

"APTN is proud to play an important role in supporting the career development of Indigenous students," says Jean La Rose, APTN Chief Executive Officer. "From the many messages and stories we have heard from our audiences, community leaders and others, we know the network is making a

difference in the lives of Indigenous Peoples in Canada."

Here are some of the programs offered to attract and retain younger employees:

- Fellowship for Aboriginal Investigative Journalism: APTN in partnership with the Canadian Association of Journalists. Successfully placed one journalist to complete one fellowship with the APTN Investigates team.
- Extensive Internship Program: 11 students have been placed in APTN internships throughout the network,



allowing them to acquire valuable work experience.

• Industry Collaboration: An annual program committed to accepting four interns dedicated to reporting on Indigenous content. Three students participated in an APTN Internship.

Canada's Top Employers for Young People was published today by The Globe and Mail and Eluta.ca.

Learn more about APTN in front or behind the camera.

### **About APTN**

APTN launched in 1999 as the first national Indigenous broadcaster in the world, creating a window into the remarkably diverse mosaic of Indigenous Peoples. A respected non-profit, charitable broadcaster and the only one of its kind in North America. Sharing our stories of authenticity in English, French and a variety of Indigenous languages, to approximately 11 million Canadian TV subscribers. With over 80% Canadian content, APTN connects with its audience through genuine, inspiring, and engaging entertainment through multiple platforms.

For further information about APTN or image requests, contact:

Jacqueline Jubinville Manager of Communications, APTN (204) 947-9331, ext. 339 jjubinville@aptn.ca





## "What nation watches the death of its children and does nothing?"

Charlie Angus MP.



Steven was born of a First Nation father and a Caucasian mother. For all his life he lived off the reserve in a small Canadian city. His father tried to teach Steven the ways of his people and, as he transitioned into his teen years, Steven wanted to learn more.

Throughout his 17 years, there had been many family gatherings and opportunities to experience life on the reserve. As much as he yearned for peace and knowledge, there was something that Steven felt was missing in the picture - acceptance. His First Nations family were warm and encouraging towards him. However, in the broader community, even though Steven had status, he felt like an outsider. He considered he was not accepted as a real member of the tribe. This weighed heavily on him, as he increasingly felt that he would never be accepted as a bona fide member of the First Nations family of peoples.

Irrational as this may seem, this speaks to a part of the problem and a part of the solution in terms of the scourge of suicide in many communities, not limited to First Nations.

This is a crucial, serious matter of life and death. Research is wonderful and valuable. But, as with everything, let's restore some balance and equity. Research papers pile high several feet, with costs that run into many millions of dollars. Yet the funding that is allocated to agencies on the front line with a tight focus on combating suicide receive but a trickle to none.

Steven, unfortunately, didn't make it through. His anxieties triumphed and one cold fall evening, he hung himself from a tree in the family garden. Not on the reserve. But in the city.

His family are shattered. One is too many.

We all know Canada's grim statistics.

4.3% of suicides in Canada occur in among our Indigenous people.

Suicide is the leading cause of death among Canada's Indigenous youth and adults up to 44 years of age. (C.A.S.P.)

Steven is not just a casual statistic mentioned in the stacks of reports gathering dust in Ottawa.



Rory Butler

Those on the front lines also know the many years of tears and sweat poured out by Aboriginal elders who live with the grief of the loss of unique lives day in and day out.

The whys of Canadian suicides have been studied ad nauseam.

Your Life Counts knows that the effects of colonization, social and economic factors contribute to despair and loss of hope in Indigenous communities. YLC understands the risk factors and acknowledges the efforts of elders. The time for dusty reports is over.

Your Life Counts has been on the front lines of prevention strategies such as elder and gatekeeper training, suicide prevention, restriction, and peer support programs. In Indigenous communities spirituality is a key component for people like Steven. We stand with elders well aware that westernized mental health approaches fall far short.

Indigenous leaders and Your Life Counts know what needs to be done and what resources Canada owes it's First Nations people to help communities become and stay healthy. We long for the day the YLC Lifeline will be quieter. While strides have been made in cultural and societal awareness, leadership at the highest levels of government has been lacking.

In February 2012, a private members bill (c300) was passed in the House of Commons. In December 2012 a Federal Framework for Suicide Prevention was signed by the Governor General. Since then the silence has been deafening. The efforts



of bill c300 are moribund. Your Life Counts was instrumental in getting c300 to the floor of the House of Commons. Government didn't deem the effort important enough to even pay YLC expenses incurred to get this bill passed. Canada remains one of the few western countries without leadership and resources at the top.

Enter Charlie Angus MP Timmins-James Bay. On February 9th 2017 at the Mushkegowuk Tribal Council Emergency summit in Timmins, Angus announced his intent to intoduce a private members bill -National Action Plan for Suicide Prevention. The bill will clearly outline the obligation of government. "The plan will create a whole of government approach to reducing suicide by enacting a national public health surveillance program for suicide prevention; a commitment to priorities articulated by Indigenous representative organizations; best practice guidelines for prevention and care; national training standards and media knowledge tools, among other provisions." http:///charlieangus.ndp.ca

The questions to Charlie Angus at the Mushkegowuk Council emergency summit were pointed and informed. It is long past time for elected officials to listen, hear and stand with Canadian elders and front line workers. The National Action Plan For Suicide Prevention differs from bill c300 in putting governmental obligations into law, as

well as finally creating a comprehensive strategy in reporting to the public and Parliament.

The announcement of the National Action Plan for Suicide Prevention private members bill went unnoticed by media with the exception of a Timmins newspaper. This must change. This will change. No more dusty reports. First Nations, Inuit and Metis are getting behind the Angus initiative. Media will start paying attention as the national conversation of this proposed bill gets underway. It is time again to call Canadians to action. Your Life Counts will be there and will keep you abreast of developments.

Steven's despairing family and friends are counting on us.











What is this thing called lateral violence and where does it come from? Well, according to the Native Women's Association of Canada,

"Lateral violence is a learned behaviour as a result of colonialism and patriarchal methods of governing and developing a society. For Aboriginal people, this has meant that due to residential schools, discrimination and racism; Aboriginal people were forced to stop practicing their traditional teachings of oneness. As a result of this trauma, some Aboriginal people have developed social skills and work practices which do not necessary create healthy workplaces or communities. Since many Aboriginal people work in environments which maybe predominately Aboriginal, these practices mean that Aboriginal people are now causing pain and suffering on their own people (my emphasis).

Sometimes it is also about jealously, insecurity, or different kinds of hurtful acting out in people who are not in tune with their inner selves (souls), or however you choose to interpret or describe that little inner voice we all have that sounds the alarm or pushes into situations we might best avoid. So sad, because even though we know "hurt people, hurt people" we sometimes have a very difficult time stopping ourselves from destructive behaviors because we are hurting inside too. Being conscious of ourselves, our feelings, our old or new emotional or spiritual hurts, and our inner life are what can make this kind of behavior go away. Maybe not quickly, but day by day, increasing

## What is Lateral Violence??

**Dr. Cynthia Wesley-Esquimaux**, Chair on Truth and Reconciliation, Lakehead University

our awareness of how words and action can hurt, will make it better. When I was a girl people used to have a ditty that went like this, "Sticks and stones will break my bones, but names will never hurt me", well, we know today that names can indeed hurt and the many other things that can come out of our mouths and behavior. My husband calls it "Bossing your mouth" and says we all have to learn to make sure what we say not only has meaning, but is kind and thoughtful.

Too many kids and adults live with awful feelings because of name calling, and we all carry those hurts far too often into our futures. Sometimes, we pass those hurts on to our own children, friends, and other folks who don't deserve them. Lateral violence means we hurt the ones closest to us in our homes, our schools, our communities, and for adults, in our workplaces. We gossip, we attack, we undermine, and we think it makes us feel better, but it doesn't, it only makes things toxic and mean.

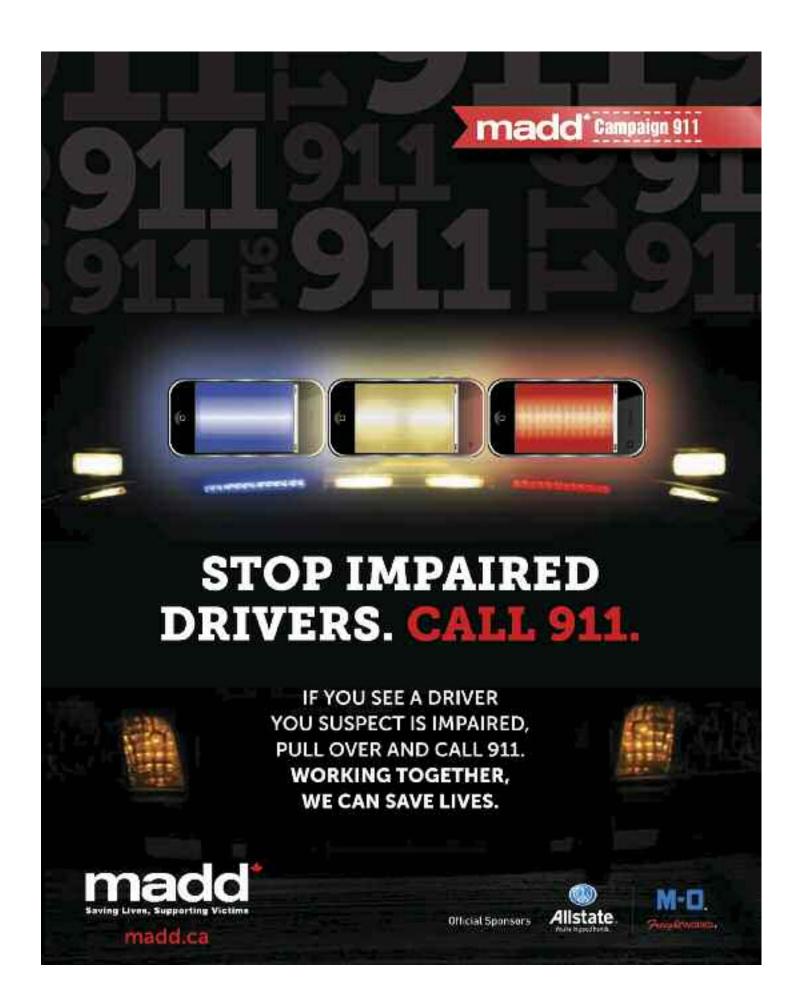
There are better ways to express yourself, and the first one that comes to mind is a smile, a warm welcoming and genuine smile. Smiles bring out the sun in our lives, they actually do make us feel better, even when we have to fake it for a few minutes. Throw your shoulders back, stand straight and tall, let your arms swing gently as you move, let your hair blow in the breeze. Take the time to feel good about yourself, it's the perfect way to feel better about others. Will you always be happy, no, of course not, life has many challenges, many obstacles, many things to navigate. We can choose however, HOW we navigate, and WHY we are alive. We can choose to be optimistic and friendly, and believe our time here on this beautiful planet is to be of service and to help others be everything they can be. We're along for the good ride, to spread smiles and good will, a touch of happiness and hope. Be kind, lift others, and by doing so you will lift yourself.

You will become the youth others want to follow, the adult others admire, and the elder people come to for solace because they know you are kindness and love personified. It isn't easy and you will have those days when you just want to be alone, we all do. Just remember to come out of the dark as quickly as possible and back into the light. Share your thoughts with a good friend, a loving adult, a caring and kind elder.

Remember tough days are going to come and go, and your life will be as full as you let be. Take on challenges, be courageous, and shine your little inner light so others can see all the good reasons for being alive! I hope you will understand lateral violence a bit better now and see how practicing lateral violence hurts not only the person or persons you are targeting, but also yourself. Your happiness and inner peace very much depends on your ability to think before you act, "boss your mouth" so what comes out of it is kindness and gentle words, and that you always walk tall and courageous in your life.

Miigwetch, my prayers go with you, Cynthia

Dr. Cynthia Wesley-Esquimaux Chair on Truth and Reconciliation Lakehead University, Thunder Bay & Orillia cynthia.wesley@lakeheadu.ca







# CANADA

## Meet Deanna Ratt

Deanna Ratt knew that type 2 diabetes ran in her family, but the Winnipeg resident breathed a sigh of relief when her gestational diabetes cleared up shortly after she delivered her son, Zach, 22 years ago although the temporary condition put her at greater risk for developing type 2 diabetes later in life.

Fast forward to 2009 when Deanna was diagnosed with type 2 diabetes. By this time, both her brother, David Schick, and her husband,, Albert, a First Nations Canadian, had also developed the disease. While she believes she took her diagnosis seriously, her blood sugar levels still "got away from me," she says, adding, "I was probably not as diligent as I could have been." Her continued

high blood sugar levels have resulted in blurry vision (one of the symptoms of diabetic eye disease), and feet that tingle, ache, and burn from diabetic neuropathy (nerve damage). Althhough her husband has not developed any diabetes related complications, her brother has lost a leg because of the disease, as well as the vision in one of his eyes. "I feel like I'm more fortunate than most," she says.

Deanna, now 49, is committed to raising awareness about diabetes, especially among her three sons and her First Nations community ((Indigenous Canadians are at high risk for developing type 2 diabetes)). She attends diabetes meetings and workshops, and helps plan diabetes

awareness events for Diabetes Canada. "Advocacy is what keeps my spirit healthy," she says. Deanna began a recent talk with the words, "I stand before you today with a heavy heart—a burden so intense that I have come to the conclusion that I must be vulnerable, I must be open, I must share. I do this to compel you to do your part to support, to walk with, to encourage, and to help those with diabetes."

Are you at risk of developing type 2 diabetes? This fall, Diabetes Canada is encouraging everyone to take the CANRISK test and learn their risk. This short, online test can be found at diabetestest.ca. Find out more about living with diabetes at diabetes.ca.



1 in 3 Canadians already has diabetes or prediabetes and many don't know it.

What's your risk for type 2 diabetes? Take the test today,

DiabetesTest.ca









### Granada is one of the largest gold deposits along Quebec's Cadillac Trend

One of the best places to find gold is where gold mining has already taken place, and this is especially true in a region where there are many other gold mines.

This is what attracted President and CEO Frank Basa to the Granada Mine property in 2006.

The Granada Gold Mine near Rouyn-Noranda, Quebec, had produced more than 50,000 oz of gold in the 1930s from high-grade ore, and it is located along the prolific Cadillac Trend in the Abitibi region where more than 50 million ounces of gold was produced in the past 100 years. Mining stopped at Granada only when the surface buildings including the mill were destroyed by fire in 1935.

So, how much gold is still remaining? Mr. Basa decided to find out.

First, given his expertise as a metallurgical engineer, he wanted to know for sure if the gold would be easily extracted from the ore. He processed a 140,000-tonne bulk sample and he found that not only was the gold easy to extract, but there was a lot more gold coming out of the mill than shown by the assay tests of the ore going into the mill. This was an exciting development, as it indicated that there was a fair amount of gold in between the gold veins that the assays were not measuring and this gold could also be recovered with modern mining techniques. It all looked good, so Mr. Basa took the next steps of accumulating more property around the old mine and drilling extensively to establish the amount of gold. The company also conducted engineering studies to determine if mining would be profitable.

To date, the company has completed approximately 125,000 metres of drilling and discovered millions of ounces of gold on the property (see accompanying resource tables).

In addition, a Preliminary Economic Assessment (PEA) was published in 2012 showing the mine could economically produce 100,000 oz of gold per year for 11 years through underground and open-pit mining.

A subsequent Preliminary Feasibility Study (PFS) in 2014 outlined a plan for a more limited, initial mine plan processing high-grade ore from selected open pits, shipping it to a local mill for processing and producing 25,000 oz gold per year for three years. In 2016, the Company obtained all necessary permits for this initial mining phase known as the "Rolling Start" for which stripping has already begun.

Granada Gold Mine Inc. recently announced a major revision in the resource estimate for its Granada Gold project. The estimates are in the two tables below and details are published in the Granada news release issued May 16, 2017 and in a Technical Report published published June 30, 2017. The estimates were supervised by Claude Duplessis, P. Eng., of Goldminds Geoservices Inc., a geological, environmental and mining consultant. He is an independent qualified person in accordance with National Instrument 43-101.

The new estimate was the result of exploration drilling that took place in the fall of 2016 and in early 2017 and was a major

Granada May 2017 Mineral Resource Estimate			
Category	Tonnage	Au g/t	Au oz.
Measured in-pit constrained	17,068,500	1.14	625,000
Indicated in-pit constrained	4,507,000	1.26	182,700
Total M&I	21,575,500	1.16	807,700
Inferred Underground	10,386,500	4.56	1,523,800

Measured & Indicated open-pit constrained at 0.39 g/t Au cut-off (\$21,30 per tonne).

Inferred underground north of open-pit at 1.5 g/t Au cut-off (\$81.99 per tonne).

Resource estimate by GoldMinds Geoservices Inc.

Mineral resources are not mineral reserves and do not have demonstrated economic viability.



change from the previous estimate, since it includes the first estimate of high-grade resources recently discovered in zones at depth in a northern portion of the property. When the geologists included these latest drilling results, their Global Block Model for the property showed significant increases in tonnages, grade and the number of ounces of gold (Au) in the ground.

The accompanying table shows the Model's different classifications of resource in 2017 compared to the previous estimate published in 2012. Note that the increase was primarily in the estimate for the Block Model Inferred category, which showed a 233% increase – to 3,436,000 ounces (oz) of gold in 2017 from 1,033,000 oz of gold in 2012.

### **Next Steps for Granada**

With this new perspective on the size of the Granada deposit, which now is one of the largest in the area, the company is considering its next steps for advancing the development of the property, including the building of a new mill for the property.

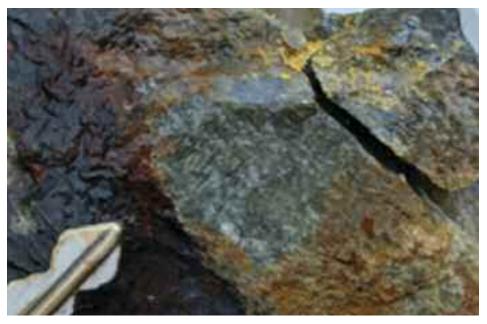
In addition, there are good reasons to continue exploration drilling at the Granada property. First, within the area previously drilled, there is a need for additional drill holes to provide more certainty about the location of the high-grade gold veins and to upgrade the estimate by shifting ounces from the Inferred category to the Measured and Indicated categories as drill holes are located closer together.

Second, only 20% of the 5.5 km mineralized strike length identified by geologists has been explored. The company has additional high-grade targets it would like to drill in areas that have still not had exploration drilling. This includes the former Aukeko Mine site on the property where three bulk samples taken in 1938 averaged a grade of 7.0 oz/ton gold (240.0 g/t Au). If more gold is found outside the currently drilled area, it could lead to a further increase in the resources and value of the property.

Additional information is available at Granada's website at www.granadagoldmine.com.

#### Granada Global Classified Block Model Granada in situ Comparative, 2017 vs. 2012 (0.40 g/t cut-off) 2017 2012 Category Au a/t Tonnage Au a/t Au oz. Tonnage Au oz. 22,585,000 1.09 791,500 28,735,000 946,000 Measured Indicated 20,019,000 1.15 742,600 18,740,000 1.09 559,000 1,505,000 Total M+I 42,605,000 1.12 1,534,000 47,475,000 1.05 81,691,000 1.31 3,436,400 29,975,000 1.07 1,033,000 Inferred





Visible gold in recent rock samples at the Granada Mine





# BLOCKCHAIN DEVELOPMENT, High ARTIFICIAL INTELLIGENCE (AI) grad GENERATED DRILL TARGETS, cont ELEVATED SILVER, COPPER, ZINC, MOLYBDENUM, MANGANESE, COBALT & cont

NICKEL are several terms to highlight the success of Northern Sphere Mining Corp (CSE: NSM, OTCQ: NSMCF) through 2017.

NSM holds world class exploration properties in Sudbury's Nickel District and within Arizona's Porphyry Copper District. Recent reports of visible gold, high concentrations of copper, zinc, cobalt, vanadium, and manganese is setting Northern Sphere up to become the best of the high-quality juniors. By incorporating Artificial Intelligence (AI) in conjunction with its ongoing Geochemical Survey, Hyper-spectral Imaging, 3D Geophysics (magnetic reinversion), Northern Sphere is uniquely poised to usher in the future of the mining/exploration industry.

## Using Artificial Intelligence to Identify Future Drill Targets

Artificial intelligence (AI) use is gaining traction within the mining industry. In 2017 NSM began utilizing machine learning algorithms in conjunction with "state of the art" exploration software to assist with target optimization at both its' Arizona Copper and Scadding Gold properties.

### **Ontario Exploration**

Scadding Gold Project, located within the Sudbury's Nickel District, possesses untapped potential highlighted during Northern Sphere's 2017 exploration program. The 40,000-acre property is relatively unexplored at depth.

In 2017, Northern Sphere underwent a modest but highly focused diamond drilling program completing six diamond drill holes.

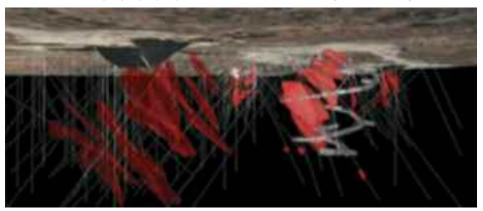
## 2018: The Year of Northern Sphere

Highlights of the drilling was a intercept grading 13.3 grams gold over 10.5 m containing visible gold (VG) located 100 me below a previously reported drill intercept containing 12.9 grams gold over 19.2 m.

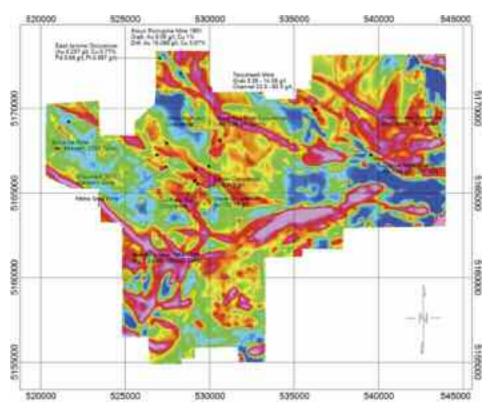
Prior to 2017, mining and exploration results on the company's property included

numerous gold and copper showings including; the historic Alwyn-Porcupine Mine, East Red Rock Occurrence, the Glade Occurrence, and Tecumseh showing.

NSM is currently receiving assistance from Laurentian University of Sudbury to better understand the geochemical signature noted



Scadding Underground Model & Workings



Scadding Property Showings & Mag Inversion



during its' 2017 results. Elevated levels of Vanadium, Barium, Molybdenum, Nickel, Cobalt, and Manganese within the host sediments, provide intrigue new potential for future discoveries on the property.

### **Arizona Exploration**

Northern Sphere Mining's Arizona land package has an excellent geologic address. Located 15 km from Freeport McMoRan's Open Pit Copper Operations and within Arizona's Porphyry Copper Mining District, the 4800-acre property contains multiple historic underground silver mines, large scale, near surface, silver-gold prospects, and more recently as evidenced by geochemical soil surveying, extremely encouraging multi element anomalies.

In 2017 Northern Sphere underwent a geochemical soil survey demonstrating

outstanding geochemical soil results over the entire area. Results included elevated values of copper, zinc, manganese, silver, molybdenum, and cobalt, leading the company to believe that there is very prospective targets just beneath the soils. With new drill targets being optimized, aided by Artificial Intelligence and "cutting edge" technologies, the company is ready to reveal Arizona's next porphyry mine.

## **Incorporating Blockchain into the Mining Industry**

NSM is currently working to develop blockchain models that will revolutionize the industry for mining and exploration companies.. This forward-thinking will allow NSM to enjoy the benefits of blockchain technology while still focusing on exploration bringing increased value to its' Investors.

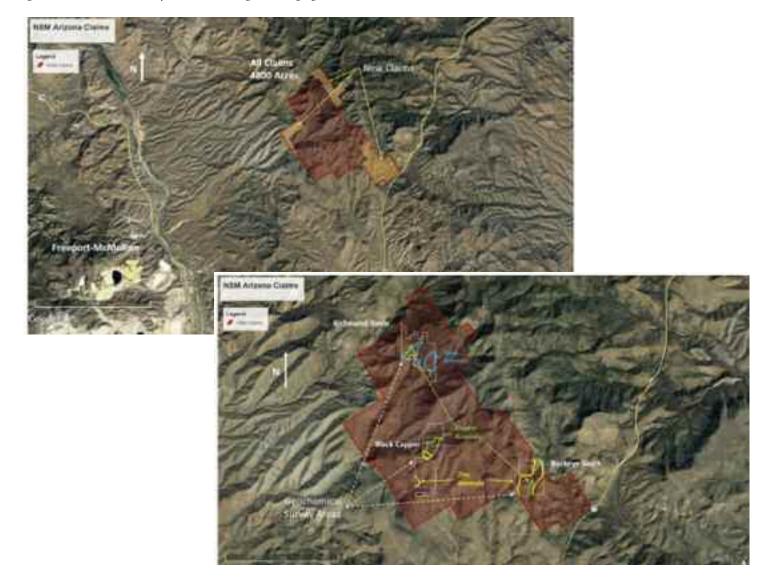
### **Future**

Northern Sphere has plans to undertake strategic diamond drilling at both its' Ontario and Arizona in 2018 to further investigate numerous targets generated by "AI" algorithms that incorporated geochemical, geophysical, hyper-spectral imaging, digital geologic modeling and previous diamond drilling data.

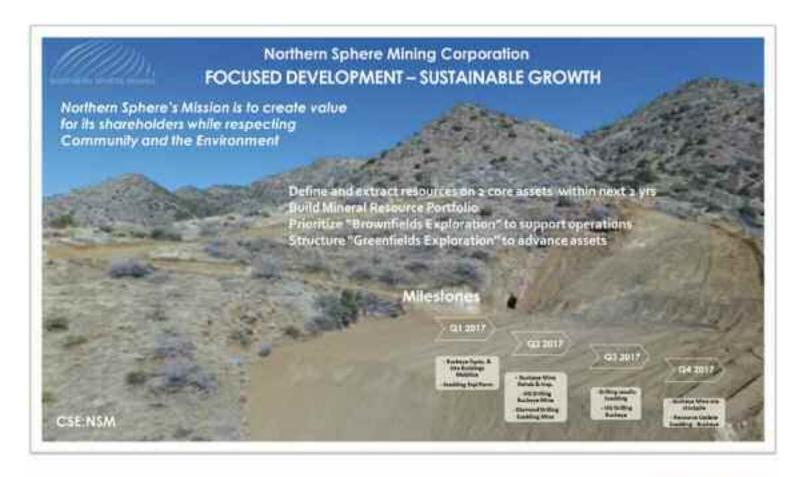
Northern Sphere Mining Corp has its' sights on being the best of the high-quality juniors in the mining industry.

For further information, please contact:

John Carter, Chief Executive Officer Northern Sphere Mining Corp. Tel: 905 302-3843







### US Operations: Arizona, Gila County 3,800 acres

### Former Silver Mines

- Buckeye Mine

- Silver Seven Mine

- McMarris Mine

- La Plata Mine

Copper Prospect - Iron Nugget Cu-Fe-Au Property

Silver Prospects - Windmill, Cherry, Flat Mesa



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### Canada Operations: Sudbury District - 40,000 acres

### Former Gold Mines

- Scadding Mine

- Alwyn-Porcupine Mine Cu-Au

### **Gold Prospects**

-Tecumseh Property - East Red Rock

- Glade Occurrence







Directors & Officers		
John Carter	President, CEO & Strector	
Sheldon Inwentash	Chairman & Director	
Denis Lavoulette	Director	
Robin Pilely CPA, CA	CFO	
Gerry Feldman	Audit Corp Gov & Guestor	
Bob Leschyshen	Director	
Steve Grey FiGeo	Vice President	





## Focused Development Sustainable Growth

Northern Sphere Mining Corporation

CSE: NSM



## **Focus Graphite:**

## Focus Graphite's Northern Québec Deposit is Poised to Become a Key Supplier to Technology Markets

Focus Graphite is the most advanced North American graphite developer of next generation battery materials and products to meet growing demand for massive amounts of energy storage capacity.

And it holds the in-house scientific and technological capabilities to meet the competitive challenges of an industry in transition.

Markets are beginning to reflect the positive economic impacts of the clean tech sector and the global supply and demand equation of the critical materials sector.

Focus Graphite's Lac Knife, Québec graphite deposit in the Cote Nord Region holds a historically significant deposit of the high purity, critical technology mineral graphite.

The graphite industry is being buffeted and reshaped by those global forces that oblige participants to build new business models based on the requirements of the low carbon economy — eco-friendliness, quality, competitiveness and security of supply.

Value-added products and low cost will determine the winners.

In 2012, Focus Graphite committed to a business model that exploited the high purity characteristics of its Lac Knife, flake graphite resource. Today, Focus holds the potential to become one of the lowest cost producers of graphite concentrate in the world.

And, at the same time, Focus invested in inhouse technologies to produce value added products for the battery-manufacturing sector.

Our technical achievements in developing high value graphite products are

demonstrated through a series of value added processing and engineering announcements. They were first presented at gatherings of the global battery industry in the United States and Europe.

Focus Graphite's early adoption of a technology-weighted business development agenda is supported today by market events.

Lithium-ion batteries have long been used in smartphones, laptops and other personal electronics. Demand is forecast to explode in the next five years as electric vehicles proliferate and power companies install giant storage systems.

Global battery production is forecast to more than double by 2021 to 273 gigawatt-hours, up from about 103 gigawatt-hours today, according to a report published in June 2017 by Bloomberg Intelligence.

The report highlights Tesla Motors' race to finish building the world's biggest battery

By Gary Economo

factory in the Nevada desert, while China, meanwhile, is poised to outpace Tesla's battery production by a factor of three-to-one.

Chinese companies have plans for additional factories with the capacity to produce more than 120 gigawatt-hours a year by 2021. This is enough to supply batteries for around 1.5 million Tesla Model S vehicles or 13.7 million Toyota Prius Plugin Hybrids per year. By comparison, when completed in 2018, Tesla's Gigafactory will produce up to 35 gigawatt-hours of battery cells annually.

The report says, "this is about industrial policy. The Chinese government sees lithiumion batteries as a hugely important industry in the 2020s and beyond."

China's policy, when combined with those of all other nations, will have a profound impact on the graphite sector in the next few





years – and, a profound impact on Focus Graphite and the strategy we set some five years ago.

Having been guided by the principle that China would someday be a net-importer of battery-grade graphite, Focus set four objectives to take advantage of the opportunity:

- 1. Develop a portfolio of high-purity valueadded graphite products
- 2. Ensure our production costs could beat the competition
- Establish the relationships in China, and elsewhere in Asia and around the world, and:
- 4. Enter into long term supply agreements to de-risk the construction of the Lac Knife graphite mine

Focus has made substantial progress on all four objectives. We've announced new products and done further long-term battery testing that demonstrates the overall superiority of Lac Knife's graphite versus synthetic and competitive sources of natural graphite.

We have invested considerable time and effort in both China and throughout Asia building our profile and brand, and in building the network for establishing long-term supply agreements.

Our progress to date simply reinforces our corporate vision to become a leader in the graphite sector in the coming years based upon our superior products and the economic advantages that flow from our achievements.

### **Battery Products**

Over the last few years our investments in battery materials innovation has enabled us to create new, value-added graphite products that meet both current and future market needs.

Under the supervision of Dr. Joseph Doninger, Focus' Director of Manufacturing and Technology, we have achieved a number of significant in-house manufacturing and technological milestones that again, reflect the high quality and physical attributes of Lac Knife's resource. They include:

- Industry-leading Performance in Battery Life Cycle Testing
- The Introduction of "Superfine" Graphite to the Battery Industry
- Industry-leading Highly Conductive Ultrafine and Expanded Graphites
- Silicon-Enhanced Lac Knife Graphite
   Anodes that set Benchmarks Exceeding
   Current Theoretical Performance in Li-Ion
   Batteries

Dr. Doninger is recognized globally as a leading expert in graphite engineering and processing. His investigations have led to the development of innovative and proprietary technologies that in turn, resulted in the creation of novel graphite materials for use in current and next generation battery applications.

With demand for Coated Spherical Graphite projected to rise dramatically over the next four years, Dr. Doninger's achievements have met one of our key strategic development objectives of producing high performing graphite products for the transportation, energy storage and consumer electronics sectors.

Of note is that all of these accomplishments are critical to our corporate and future

commercial development, especially now with the advancing adoption of clean tech. Our achievements in coated spherical graphite processing have interested potential customers globally in the battery manufacturing industry.

Long-term testing of our high purity graphite products - with various potential customers - has been underway since 2015 and discussions leading to offtake agreements are continuing.

Long-term testing is a critical milestone for acceptance by potential offtake partners and perhaps the single most important element in determining the viability of our planned mine-to-manufacturing supply chain.

As part of Plan Nord, Focus Graphite can play a leading role - along with other critical material mining companies - in supporting the Province of Quebec in transitioning the natural resource sector to mining and value-added processing of high-value critical materials.

A feasibility study is currently planned for the constriction of a value-added processing facility in the Cote Nord Region.

Gary Economo President & CEO







## Update on Windfall Lake Project, Eeyou Istchee James Bay, Québec

Osisko is an exploration and development company with a focus on precious metal resource properties in Canada. Osisko's vision of sustainability is to create value and opportunities for our shareholders, partners and community stakeholders. Our sustainability objectives are focused on four key components: Health & Safety, Society, Environment and Economy.

The Osisko group was responsible for the successful discovery, development, building and production at the Canadian Malartic deposit, Canada's largest producing gold mine. Osisko Mining is the recreation of the original company with many of the original participants, including the original founders of Osisko and the addition of the Virginia Mines team who were responsible for the discovery of the Éléonore project and more than 20 years expertise on the unexplored territories of Northern Québec. Osisko's and Virginia's exploration teams are recognized as some of the best explorers in Canada. The goal of this new combined team is nothing less than to create a new sustainable Canadian Mining House, with the Windfall Lake gold deposit as its cornerstone asset and its growth focused on developing new mines in the Urban Barry and Quévillon areas.

Osisko's projects include major properties in Québec and Ontario. The company hold a 100% interest in the high-grade Windfall Lake gold deposit, a 100% undivided interest in a large area of claims in the Urban Barry and Quévillon areas (over 3,300 square kilometres), a 100% interest in the Marban project, and properties in the Larder Lake Mining Division in northeast Ontario.

### **Exploration Update**

The Windfall Lake Project is located in the Abitibi greenstone belt, Urban Township, Eeyou Istchee James Bay, Québec. Osisko's



Discovery of the Year 2017 Award QMEA Recognition Awards

drill program commenced in October 2015 and continued throughout 2016 and 2017. The results to date have been very encouraging. Last winter Osisko discovered the new Lynx gold deposit adjacent to the main Windfall gold deposit.

Our first 400,000 metres of drilling were completed on schedule in October. In August 2017, Osisko increased the drill program to 800,000 metres. The 800,000-metre drill program combines definition, expansion and

Exploration ramp - Rebabilitation Works



exploration drilling in and around the main Windfall gold deposit and the adjacent Lynx deposit (located immediately NE of Windfall). The expanded work program will continue to focus on infill drilling of existing mineralized zones and exploring the new discoveries and extensions in the immediate area of the Windfall and Lynx deposits. New exploration drilling is planned for 2018 along the northeast and southwest Windfall / Lynx trend.

In 2007, Noront Resources Ltd obtained the necessary authorizations to proceed with the bulk sampling of 44,500 tonnes of ore at the Windfall Lake site. Noront started ramp advancement in February 2008, but prematurely suspended the work in October 2008 before completing the planned work. In 2017, Osisko undertook steps to continue the bulk sampling work started by Noront.

Work related to advancing the exploration ramp is on schedule. After obtaining the required permits, dewatering and rehabilitation of the exploration ramp was completed during the second half of 2017. Osisko completed the first underground blast in the last week of October. The exploration



ramp is expected to advance at a rate of approximately 200 metres per month towards the mineralized zones. Underground work, including collecting a bulk sample (for metallurgical testing and grade confirmation) and underground exploration drilling, will commence in Q1 2018.

### **Permitting Update**

Osisko filed the Preliminary Project Information with the Québec government (Ministère du Développement durable, de l'Environnement et de la Lutte contre les changements climatiques) and the Project Description with the federal government (Canadian Environmental Assessment Agency) in the second quarter of 2017. The report envisions the design of a 1,900-tonne per day underground mine. As part of the environmental assessment (EA) process, Osisko will evaluate two alternative locations for a processing plant – one at the Windfall Lake site and another near Lebel-sur-Quevillon. A video explaining the Project is available on our website. The video is available in Cree, French and English.

The Environmental Assessment (EA) process officially began on July 31, 2017. A detailed environmental and social impact assessment is underway for the Windfall Lake Project. The assessment process is a planning tool to determine the project's possible effects on the natural and social environments, and to identify and implement solutions to mitigate potential negative impacts. The EA is also a necessary step before government permits are issued. A single report will be prepared to meet both the federal and provincial requirements.



Exploration ramp - Underground

### **Aboriginal Communities Update**

Osisko will consult with communities and interested stakeholders as the design of the Windfall Lake Project evolves. Currently, Osisko shares information about the Project with the First Nations communities of Waswanipi, Lac Simon and Obedjiwan through regular notification of activities, meetings and presentations.

Osisko has met with tallymen and community knowledge experts to learn about land use and traditional knowledge relating to the Windfall Lake Project. The land use meetings provide an important forum for documenting knowledge, concerns and expectations early on in project development. These meetings are also an opportunity to explain the nature of the work we have planned and to listen to the concerns of local community members.

Osisko is committed to providing stable employment and contracting opportunities for growth to local First Nations members when one of our projects is moving forward within their area. For example, at the Windfall

Lake Project, Waswanipi First Nation members are a key component of our workforce, filling the following positions: environmental assistant, general labourer, core cutter, housekeeper, receptionist and First Nation Human Resource Facilitator. In addition, numerous Aboriginal contractors and suppliers have worked on the Windfall project including snow removal, road construction, catering, drilling and fuel supply.

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OSISKO GOLD ROYALTIES



# On climate, OECD head embraces environmentalism

By David Suzuki

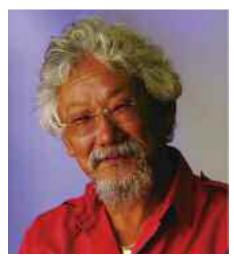
Angel Gurria sounds like the leader of an environmental or social justice group.

In a recent University of Toronto lecture, "Climate Action: Time for Implementation", he stressed that climate change is a public health issue "disproportionately affecting the most vulnerable as well as those least responsible for anthropogenic warming."

Gurria is Secretary-General of the Organisation for Economic Co-operation and Development, a group representing some of the richest, most industrialized nations on Earth.

He said the Toronto lecture was his third climate talk in recent years. In the first, he argued that fossil fuel emissions to the atmosphere must be "completely eliminated in the second half of this century." I disagree with his support of carbon capture — allowing carbon dioxide pollution to be created but storing it below ground. But his vision of worldwide net-zero emissions is breathtaking. We associate the words "completely eliminated" with Greenpeace, not the OECD.

He's certainly no friend of coal-fired power. He argues it's "no longer cheap given rapid advances in renewables and the heavy costs of air pollution." In a report, Investing in Climate, Investing in Growth, the OECD



David Suzuki

laments that "far too much coal-based power generation capacity is still being built." Given that many member states are economically vested in coal, Gurria's stance is admirable. He doesn't ignore the fuel's harmful effects nor is he afraid to critique his own constituents.

And he understands the situation's urgency: "Countries can no longer credibly argue that better evidence is needed before we take action." He has no patience for those who claim the science is unsettled or that climate remedies can be postponed. It's encouraging that someone of his stature believes the question is no longer "whether" but "how fast?"

He's a great supporter of the Paris climate agreement but believes it doesn't go far enough. Rather than adopt a cautious approach — perhaps waiting for nations to meet their current targets before embarking on more stringent ones — he urges greater ambition, arguing there is presently a "serious shortfall in the aggregate level of pledged emissions reductions." He notes that even if Paris commitments keep temperature rise below 2 C there will be more extreme weather events — including flooding and drought — and food insecurity.

Perhaps most encouraging, he calls for higher carbon prices and a phase-out of fossil fuel subsidies. Carbon prices, he says, "have been too low so far. Many carbon dioxide emissions are not priced at all, and over 90 per cent are priced at less than EUR 30 per tonne." In recent years, the debate in Canada has been over whether or not to implement carbon pricing. For Gurria that question is settled. The issue now is raising the price to levels that will achieve emissionreduction goals. By taking this position, the OECD provides the valuable service of putting opponents of pricing on notice that they are out of step with mainstream economic thought.

Fossil fuel subsidies, Gurria writes, function as "negative carbon price signals" furthering the uptake of oil and gas at the very moment when their use needs to be curtailed. He could have urged the subsidies' reduction; instead, he calls for their removal. He reminds us of their staggering global scale — about half a trillion dollars annually. He says they "disproportionately benefit" the well off. Criticizing these subsidies takes guts. It means targeting some of the world's largest resource companies.

The only serious flaw is his unquestioning support for economic growth. He believes that can be "inclusive and climate-compatible" but his argument is not wholly convincing. In a recent open letter, some 15,000 scientists raised concerns about "the role of an economy rooted in growth." At a minimum, Gurria should recognize the work of thinkers such as Canadian economist (and former David Suzuki Foundation board member) Peter Victor, who argue vital societal goals, such as full employment, can be achieved without growth.

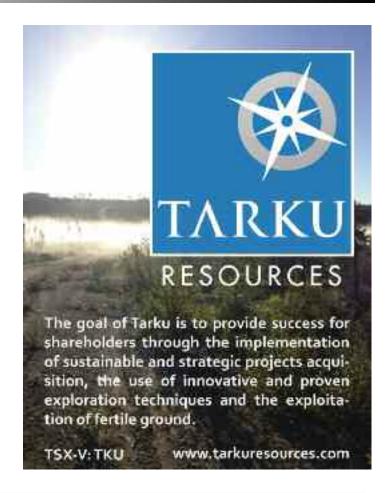
The lesson is not that the OECD still embraces some tenets of traditional economics. That's a given. The interesting thing is how far elite actors have come in acknowledging key drivers of the climate crisis, and the means to its solution. Sceptics take note: In Gurria we have one of the world's most influential economists urging dramatic climate action, including a higher, and rising, price on carbon.

David Suzuki is a scientist, broadcaster, author and co-founder of the David Suzuki Foundation. Written with contributions from David Suzuki Foundation Climate Change Policy Analyst Gideon Forman.

Learn more at www.davidsuzuki.org.









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Information request:

info@explorresources.com

Explor Resources Inc. is a gold and base metals exploration company with mineral holdings in Ontario, Quebec and Saskatchewan. The company is currently focused on exploration in the Abitibi Greenstone Belt of Ontario and Quebec, where more than 180 M ounces of gold and more than 450 Mt of Cu-Zn ore have been found to date. Explor's total land position in the Abitibi Greenstone Belt is approximately 21,800 hectares. Explor also owns 1,991 hectares of mining claims in Saskatchewan and 250 hectares in New Brunswick.

www.explorresources.com





Energy Ltd.

Founded in December 2011, NexGen (TSX:NXE, NYSE:NXE) is a well-funded exploration and development company with the most dominant land position in the next generation uranium district in the southwest Athabasca Basin in Saskatchewan, where NexGen holds over 259,000 hextares of land. NexGen's southwestern properties are underpinned by its high-grade flagship Arrow deposit, discovered in February, 2014. Since then, Arrow has rapidly advanced to become the largest to-be developed uranium deposit in Canada and one of the most strategic mineral assets discovered in history.

On March 6, 2017 NexGen announced the result of its undated independent Mineral resource estimate for the basement-hosted Arrow deposit. Based on holes drilled to the end of 2016, the estimate comprises an Indicated Mineral Resource of 179.5 M lbs of U308 contained in 1.18 M tonnes grading 6.88% U508, and an Inferred Mineral Resource of 122.1 M lbs of U308 contained in 4.25 M tonnes grading 1.30% U308. The 2016 drilling at Arrow converted 89% of the Maiden Inferred Mineral Resource into the updated Indicated Mineral Resource category. This level of conversion is truly unprecedented which continues to confirm the strong continuity of grade and thickness seen across the Arrow deposit.

NexGen is simultaneously growing and defining the Arrow deposit resources as well as moving the project through development and towards production. A maiden Preliminary Economic Assessment is scheduled for June/July 2017 and will provide an outline as to what the future mine may look like in terms of annual production rates and economic benefits.



NexGen is not only committed to setting elite standards in the mineral resources sector with respect to exploration techniques and philosophies, but is also focused on the fact that when in production Arrow will provide sustainable benefits over many decades to the local communities, Naskatchewan, Canada and the environment. NexGen is committed to implementing top community wellness programs to work alongside local communities, with a focus on employment in local communities, education and sports/recreational programs.



Nuclear energy is the cleanest form of baseload power available to countries and communities today. Canada has a strategic position in the uranium production market by producing and exporting 15-20% of global annual supply, all of which comes from Saskatchewan. This is providing countries like China and the United States the ability to clean their air pollution problems. The World Health Organization estimates that I million people per year die in China due to air pollution and Canada's uranium resources are ultimately helping to prevent that.

NexGen believes that by following their manta, optimizing the process and having the commitment and confidence to be the best in the field, they are on the path to delivering clean energy for future generations.





The Safe Drinking Water for First Nations Act (SDWFNA) came into effect November 1, 2013. The Act purports to enable the Government to develop enforceable federal regulations to ensure access to safe, clean, and reliable drinking water; the effective treatment of wastewater, and the protection of sources of drinking water on First Nation lands.

On May 29, 2017, INAC publicly announced on its website, it would soon begin engagement on a review of the Act.

INAC has indicated, through their online SDWFNA Engagement webpage, that sessions will begin June 20, 2017, and will include national and regional meetings, beginning in Prince George June 20 and Vancouver June 22. Dates and locations of upcoming meetings will be posted as information becomes available.

In a letter to INAC Minister Carolyn Bennett, I have informed the government of AFN's concerns about the proposed short timeline for engagement and the need to change the way the government conducts legislative development initiatives, especially in view of Prime Minister Trudeau's commitment to a joint law and policy review with First Nations. I have pointed out to Minister Bennett there is an opportunity to work together with First Nations to co-draft appropriate legislation. However, legislation and regulation alone are not enough. Substantial funding must be provided to First Nations to adequately address chronic underfunding, and to ensure sufficient funding for continued operation and maintenance of the drinking water treatment plants.

According to the regional approach for engagement posted on the INAC website: The review will be conducted through region-by-region engagement sessions with each

## Engagement Sessions on Safe Drinking Water for First Nations Act

session designed by INAC, with the involvement of a lead First Nation organization and Health Canada.

The objectives of the sessions are to seek First Nations' input, considerations, and reflections about the current Act and jointly determine how to move forward with the review of the Act.

The Government aims to empower itself to develop new regulations and standards, and does not provide First Nations with any resources to meet those new standards. There remains a concern that without funding, First Nations could face punitive actions for failing to meet regulations.

The Act garnered widespread criticism from First Nations across Canada, and was heavily criticized for lack of meaningful engagement and consultation with First Nations; first as Bill S-11, then as Bill S-8.

The federal government needs to work with First Nations, Regional and Treaty organizations on the development of regulations that impact the management of resources and the health and safety of our citizens.

Through Resolution 76/2015, AFN has direction to advocate for the repeal of the Act. In accordance with this resolution, I will continue to press for repeal, and the codevelopment of legislation, rather than unilaterally imposed policies; and for respect of the standard of free prior and informed consent articulated in The United Nations Declaration on the Rights of Indigenous Peoples.

(Article 19 of the UN Declaration on the Rights of Indigenous Peoples states: States shall consult and cooperate in good faith with the indigenous peoples concerned through their own representative institutions in order to obtain their free, prior and informed consent before adopting and implementing legislative or administrative measures that may affect them.)

Kinanâskomitin, Perry Bellegarde, National Chief







PowerTel is a leading high-voltage electrical contractor that has been operating since 1968 throughout Canada and the Northeastern US. PowerTel is headquartered in Whitefish. ON with offices across Canada. We specialize in the design, construction, maintenance, rehabilitation and procurement of transmission and distribution lines, and their related substations. We have successfully constructed thousands of kilometers of lines and dozens of substations in remote and inaccessible areas, with much of that work being completed during winter months.

PowerTel's existence has been greatly enhanced by the strong relationships we have developed among Indigenous communities. PowerTel understands and embraces the need to work with Indigenous communities for any project to be successful. Transmission construction can span hundreds of kilometers in a single project. Every transmission development that occurs in Canada has an impact on multiple Indigenous communities. PowerTel has always acknowledged that we can achieve the goal of any development as we simultaneously work to meet the needs and expectations of the Indigenous communities involved.

PowerTel began building entire electric distribution systems for remote communities shortly after we were established in 1968. Before legislation invoked a duty to consult, PowerTel not only consulted with the Indigenous communities, but sought to arrange the full participation of nearby communities in PowerTel projects. Our work

can still be found in those communities. Later efforts have resulted in connecting several diesel dependent communities eliminating their reliance on diesel generation.

One of the principal reasons for our almost 50 years of success, is our ability to have professional, respectful, and meaningful conversations with communities that yield real, beneficial results for both parties. Every promise made is honoured, every program offered is launched, and the communities remain informed throughout the project. At the start of all projects we meet with the local community to organize capacity building opportunities, subcontracting opportunities,

training, and communications. PowerTel ensures that members of our team are visible to communities, listen to concerns, and make sure that agreements made are followed through to the end.

PowerTel actively engages in hiring local community members and organizations. PowerTel works with local Employment and Training staff to ensure that the communities are aware of all employment and training opportunities. On virtually every project undertaken, PowerTel utilizes the skills and services offered by the local First Nation communities, whether it is a project requirement or not. Our philosophy remains







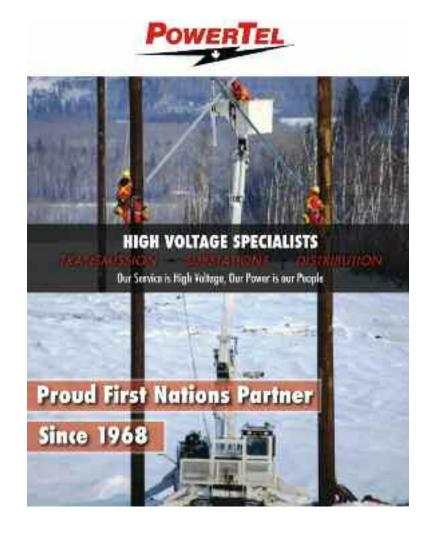
lasts well beyond the limited time the project is being built.

Throughout our history we have sought meaningful, mutually beneficial partnerships with the communities that are involved in PowerTel's projects. The partnerships that we develop seek not only to foster participation in the project of the day but to ensure that the communities we work with have the opportunity to develop the capacity to find even greater success in their future projects and endeavors. As we enter out 50th year of operation we will continue to seek out opportunities to work with indigenous communities across Canada and we look forward to another 50 years of high-voltage construction and development.

that the easiest way to get a project to move forward is to work together.

PowerTel recognizes the importance of providing access to training as a means to encourage and promote participation by Indigenous candidates. The goal of the training is to advance Indigenous candidates in a manner that enhances their capacity and ability to not only participate in work on the Project but to be successful in future opportunities beyond the project. Safety is at the core of everything we do. PowerTel incorporates the services of the local safety associations into training delivery while performing on-the-job training with any local hires from the community through assignment to specific crews and mentorship from qualified PowerTel staff to instruct and monitor skills training.

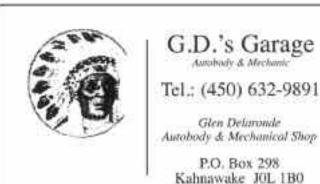
PowerTel supported the development of as Line Crew Ground support Training program in partnership with Gezhtoojig Employment and Training, Ontario Infrastructure Health and Safety Association, and Cambrian College. This 15 week program prepares indigenous candidates for work on power line projects while at the same time preparing them with skills that can be applied to other projects and industries. This crucial component of the training helps to ensure that the capacity developed during the project

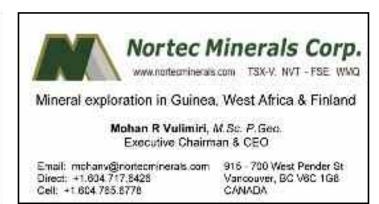








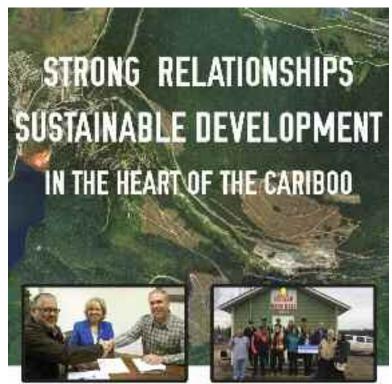




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