



Saskatchewan

Yukon
Government

Newfoundland
Labrador
CANADA

Québec



Natural Resources
Canada

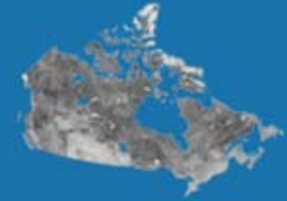
Ressources naturelles
Canada



Government
of Canada

Gouvernement
du Canada

2015 CANADA MINERAL INVESTMENT FORUM



Canada's Minerals and Metals Sector

Eleni Deroukakis, Senior Policy Advisor
Minerals and Metals Sector, Natural Resources Canada

Canada-China Mineral Investment Forum

Beijing, China

October 27, 2015



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Canada

Presentation Overview

- Mining Matters for Canada
- Canada – an Investment Destination
- Canada's Trade Advantage
- Federal and Provincial/Territorial Governance Partnership
- Mining Sector Policy of Government of Canada
- Engaging Aboriginal Communities
- Corporate Social Responsibility
- Public Geoscience Programs
- Green Mining Innovation
- Canada's Competitive Advantage



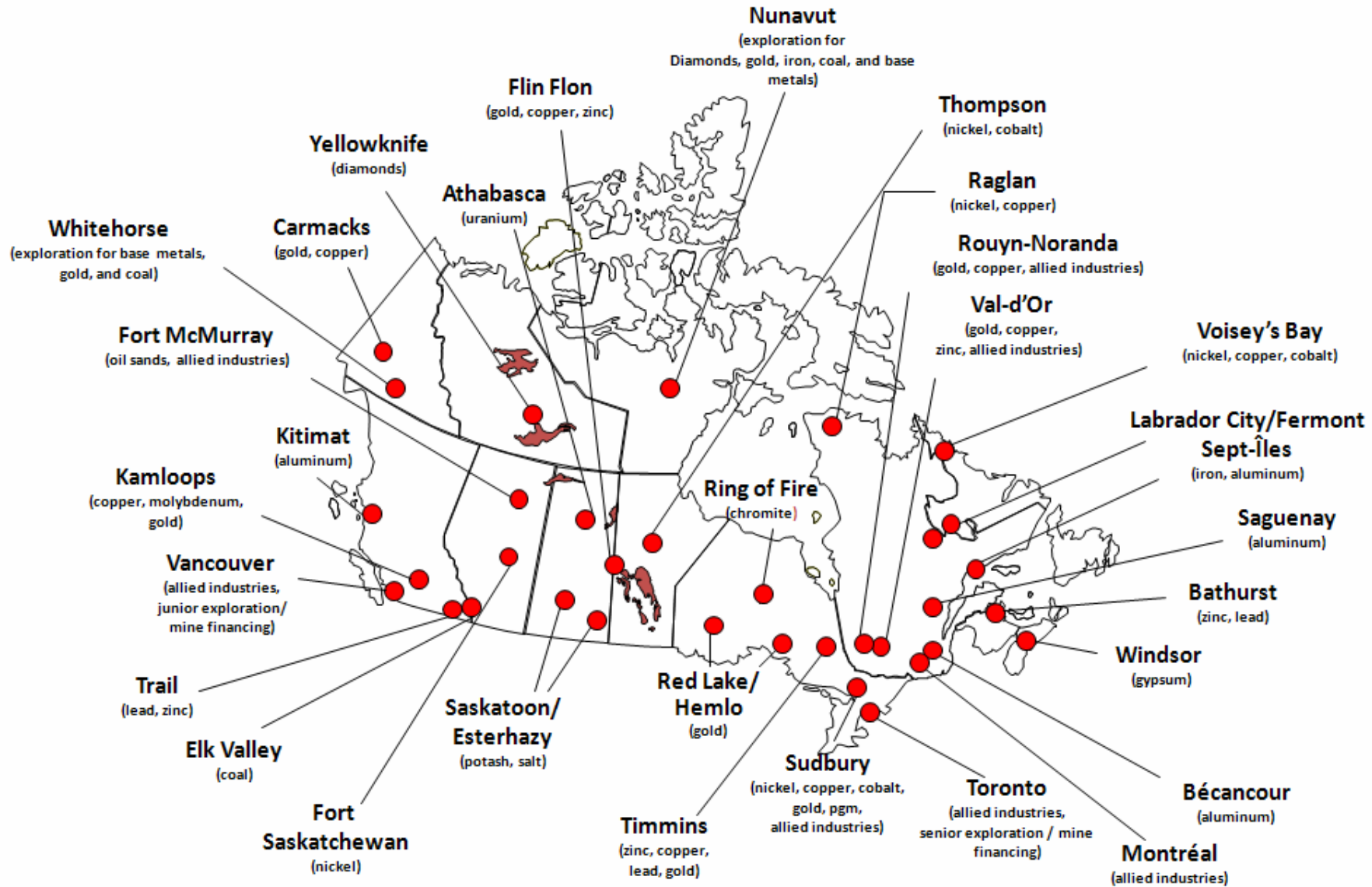
Mining Matters for Canada

- Canada is a world leader in the production of key commodities
 - A leading mining nation, producing more than 60 minerals and metals;
 - More than 200 producing mines; 50 non-ferrous smelters, refineries and steel mills.
 - Total mineral production CAD \$ 45 Billion in 2014.

- The mining sector contributes 3.6% to GDP, creates employment opportunities for almost 380,000 workers and is the largest private sector employer for Aboriginal peoples (10,000).

Commodity produced	Canada's Ranking (2014)	Country Ranking 1 st Place in 2014
Potash	1 st	Canada
Uranium	2 nd	Kazakhstan
Niobium	2 nd	Brazil
Aluminum	3 rd	China
Cobalt	3 rd	Congo
Diamonds (value)	3 rd	Russia
PGMs	3 rd	South Africa
Tungsten	3 rd	China
Nickel	4 th	Philippines
Salt	4 th	China
Sulphur-elemental	4 th	China
Titanium concentrate	4 th	South Africa
Cadmium	5 th	China
Gold	5 th	China
Molybdenum	5 th	China

Mining Across Canada



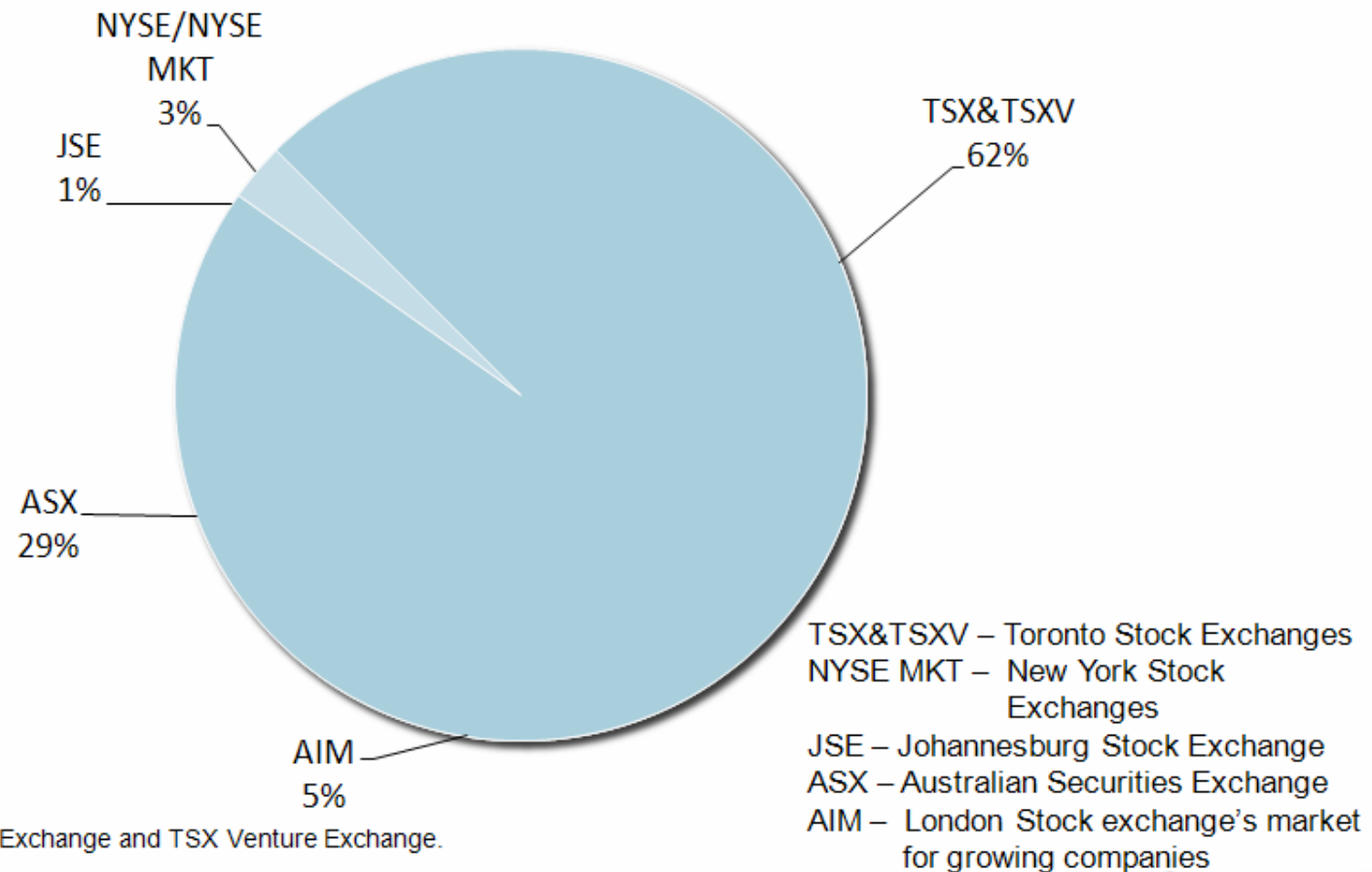
A Vibrant Service Industry

- Over 3,200 suppliers of goods and services support mineral exploration and mining businesses throughout the project cycle
- Strong financial and professional services providers with world-class expertise and global networks
- Experienced labour force, supported by skills development programs in educational institutions and initiatives led by various levels of government.



A Global Center for Mining Equity Financing

2014 global mining EQUITY = \$14.25 Billion



Source: TMX; Toronto Stock Exchange and TSX Venture Exchange.



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Canada

An Investment Destination

- Since 2002, Canada has been ranked 1st in exploration investments. Destination for 13% of global exploration expenditures (2014).
- In 2014, the sector saw \$68 Billion in Foreign Direct Investment (FDI).
 - In the last two years, over 40 companies from 13 countries have been a source of FDI;
 - Foreign-owned multinationals (BHP, Rio Tinto, Vale, Glencore) have also made significant investments in the sector in recent years.
- One of the most competitive places globally for mineral resource development:
 - Full availability and access to geological information and statistics;
 - Ease for foreigners to establish a new business;
 - Competitive tax regime;
 - Transparent investment rules;
 - Settled Aboriginal land claims and clarity of land ownership rights;
 - Market oriented principles;
 - Good governance.



A Trade Advantage

- NAFTA + CETA + TPP grant Canada favourable access to 60% of the global economy.
- Foreign Investment Promotion and Protection Agreements (FIPAs) promote and protect and foreign investment through legally-binding rights and obligations.
- In 2014, minerals and metals accounted for 20% of total goods exported and reached CAD \$89 Billion.



A Governance Partnership

Federal

- Federal lands
- Fiscal and monetary policy
- International relations and trade
- National statistics
- Explosives Regulations
- Aboriginal affairs
- Science and technology

Provincial/Territorial

- Resource ownership and management
- Land-use decision-making
- Royalty design and collection
- Laws and regulation on resource exploration and development
- Operational matters

Shared

- Economic development
- Environmental protection and conservation
- Health and safety
- Aboriginal economic development



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Canada

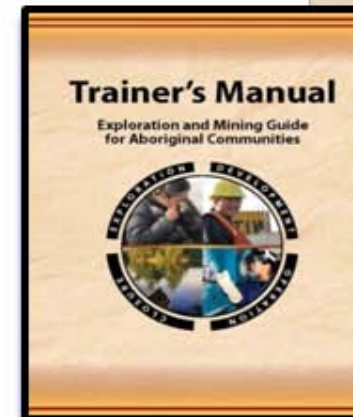
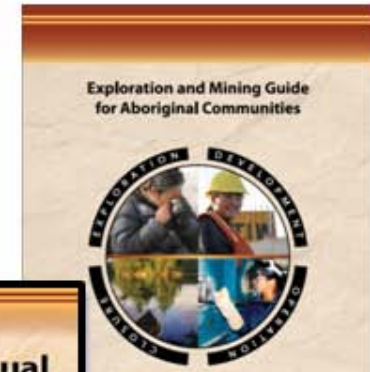
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Canada

Canada

Tools for Engaging Aboriginal Communities

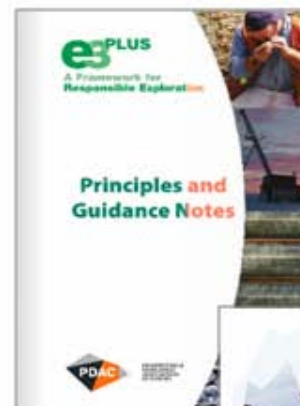
Government of Canada

- Exploration and Mining Guide for Aboriginal Communities: Adapted in Mongolia, Colombia, Chile, the Dominican Republic, Guyana, Mexico, and Peru.
- Trainer's Manual to Exploration and Mining Guide for Aboriginal Communities.
- Information Bulletin on Aboriginal Participation in Mining.



Canadian Mining Industry Associations

- Implement frameworks and initiatives in recognition of the importance to earn and maintain community acceptance of project developments.



Corporate Social Responsibility at Home and Abroad

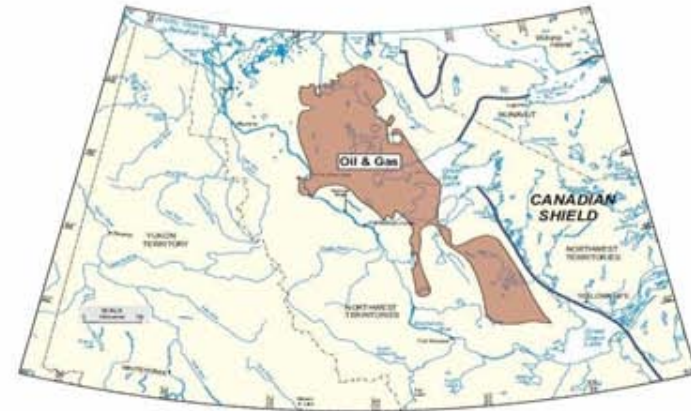
- Generally defined as voluntary activities (over and above regulation) undertaken by a company to operate in an economically, socially and environmentally sustainable manner.
- Government of Canada promotes CSR as a way for companies to manage their social and environmental risk domestically and internationally.



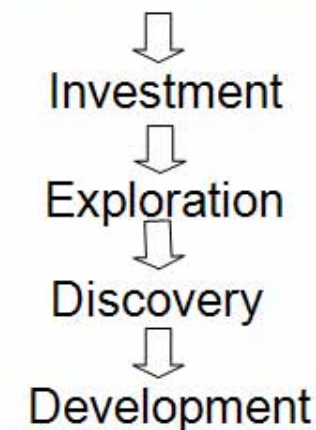
Public Geoscience Programs

- Public geoscience programs support industry by providing regional geological context and, thus, reducing the risk of exploration.
- Geo-mapping for Energy and Minerals (GEM) program finds broadly defined areas with resource potential. GEM is expected to develop modern geologic maps that will cover Canada's North by 2020.
- Targeted Geoscience Initiative identifies the types of ores systems and aims to develop innovative exploration tools.

GEM science



Private sector



Green Mining Innovation

Productive use of Canada's mineral resources can only be sustained through environmentally sound and economically viable mining practices propelled by innovation



Stakeholders and Partners

Outcomes

- Improved regulatory process
- Superior Environmental Performance
- Global Leadership in Green Mining Technologies
- Social Licence to operate



Canada's Competitive Advantage

- A competitive, reliable and responsible supplier of quality natural resources to the world
- Committed to a market-based approach, with an open and competitive investment environment
- Transparent and environmentally responsible: improving regulatory performance through more effective, efficient and transparent regulation, which reduces duplication of project assessment
- Leading-edge technology: investing in innovation and collaboration to enhance economic, social and environmental performance



Newfoundland and Labrador: Resource Rich – Investment Ready



- Diverse, natural-resource-based, and export-oriented economy
- Streamlined regulatory climate
- Competitively and stably priced hydroelectric power
- Strategic location: proximal to shipping lanes





Newfoundland & Labrador offers a stable, mining-friendly environment: open for business

Multi-billion-dollar capital investments in mines and processing plants

Participation by global mining giants

Proven record of discovery & development of world-class deposits

Examples:

LABRADOR TROUGH Iron Ore

VOISEY'S BAY Nickel-Copper

BUCHANS Base metals, Gold

Foreign direct investment is welcome

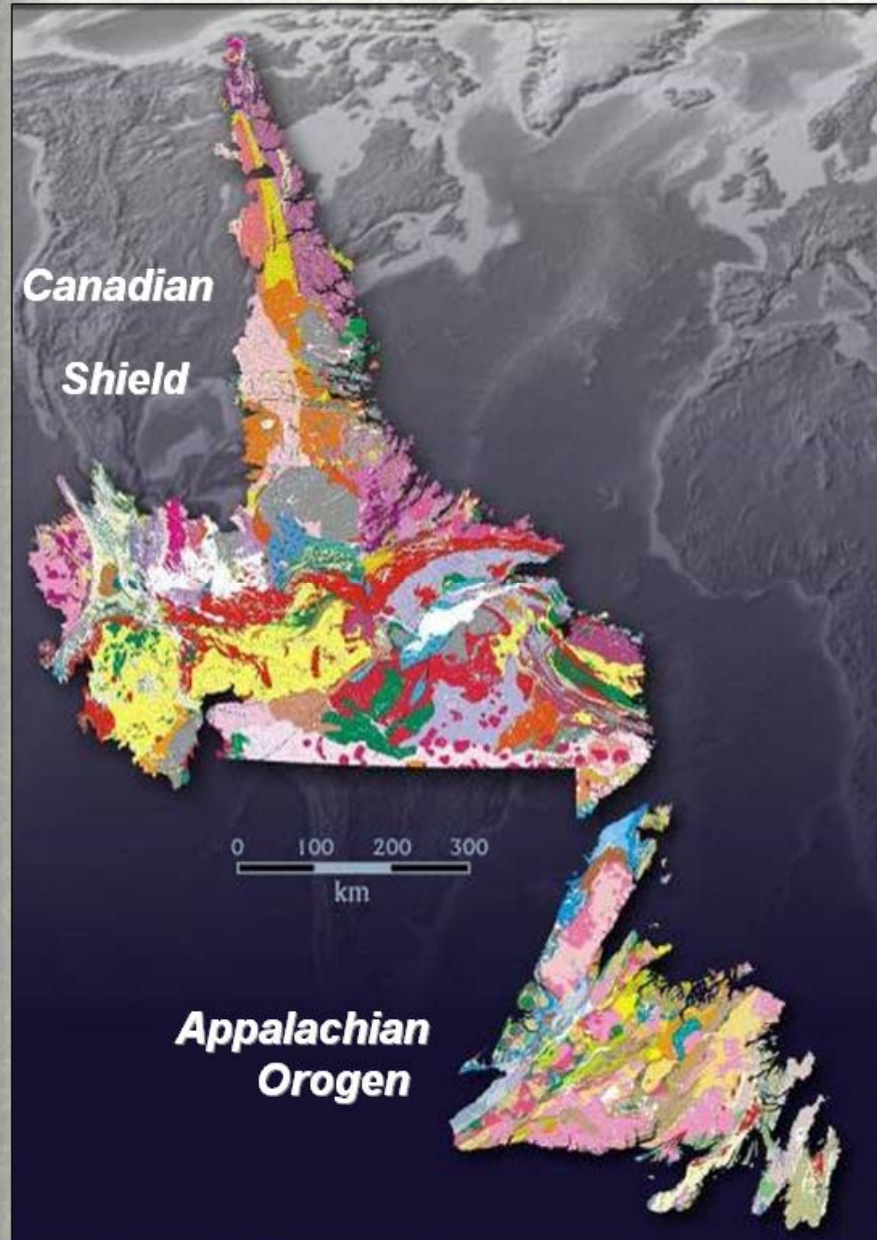
Examples:

China Minmetals

Wisco

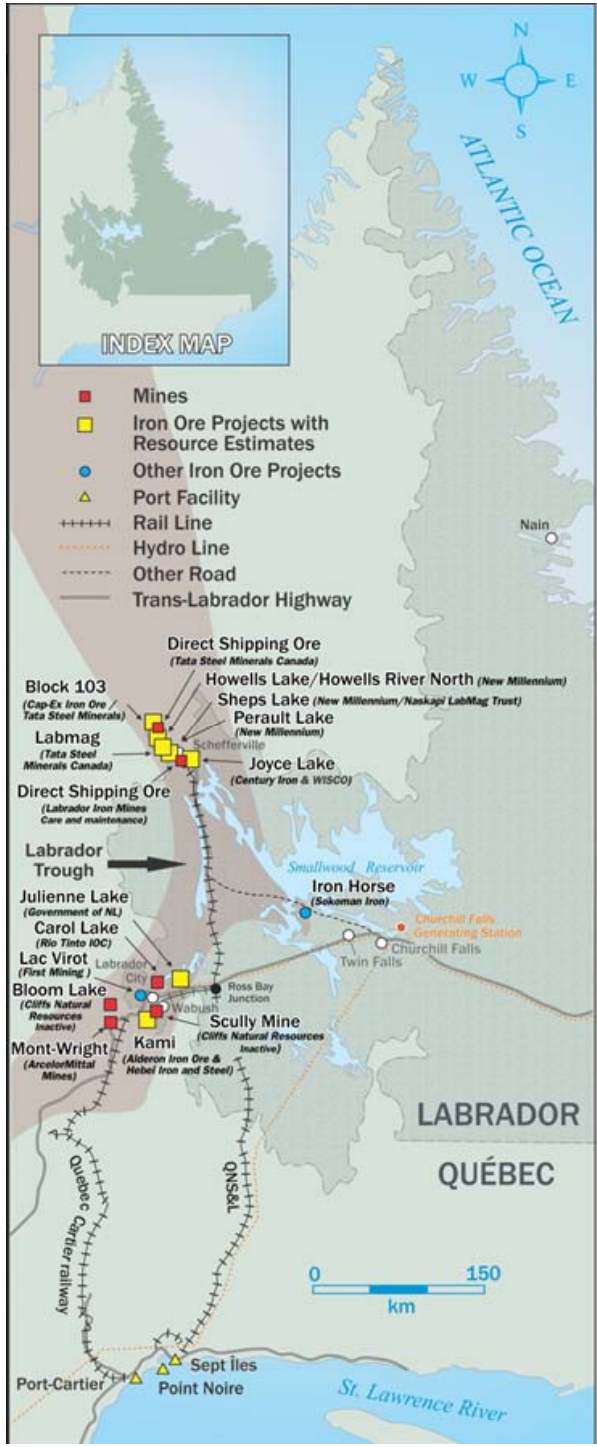
Hebei Iron and Steel Group

Newfoundland and Labrador: Resource Rich – Investment Ready



Diverse Mineral Endowment

- Iron ore
- Nickel-copper
- Copper-lead-zinc-silver
- Gold
- Antimony
- Uranium
- Fluorspar
- Molybdenum-tungsten
- Rare earth metals



The Labrador Trough: World-class iron ore district

More than 80 billion tonnes of known iron ore resources with excellent exploration potential (underexplored)

High quality product from open pit mines

Infrastructure in place: rail, port and power

CURRENT DEPRESSED MARKET HAS PROVIDED A UNIQUE OPPORTUNITY TO CONSOLIDATE WITHIN THE DISTRICT

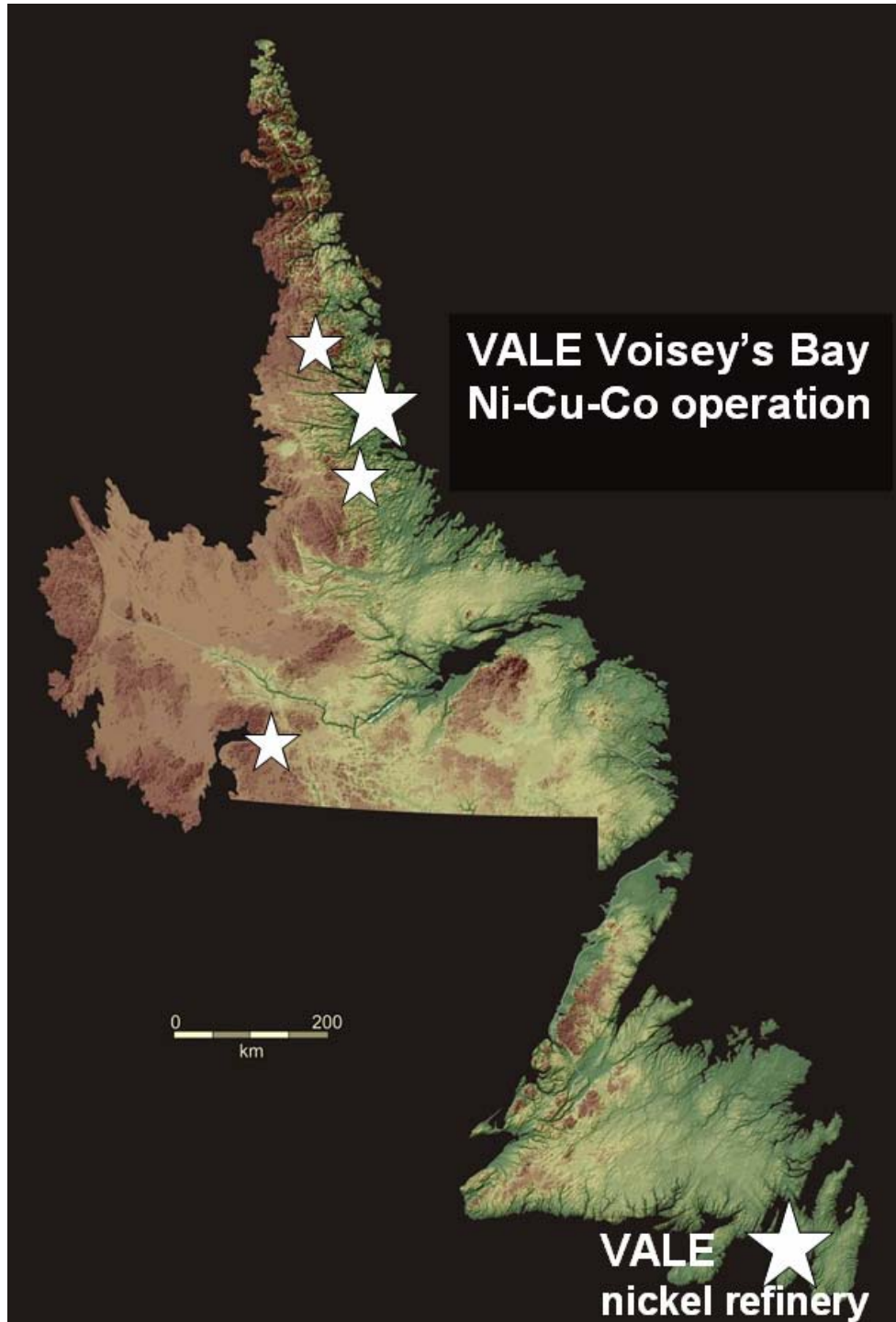


IRON ORE: EASTERN LABRADOR

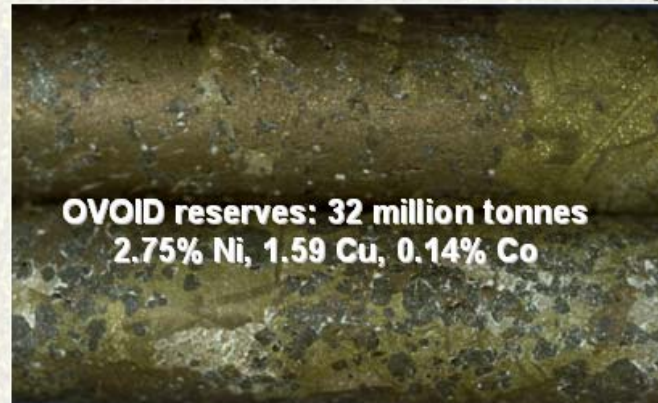
Significant opportunities
for future development and
investment

GRAND RIVER IRONSANDS





Ni – Cu - Co



- **Vulcan Minerals:**
TL Project
- **Altius – Anglo:**
Natashquan
- **Commander Resources – Fjordland:**
South Voiseys Bay

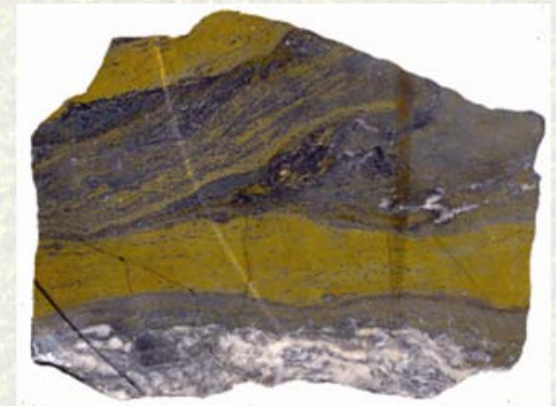
Equitas Resources
Garland

Ni – Cu - PGE

The Island of Newfoundland

World-class VMS district (Cu-Pb-Zn-Au-Ag)

Emerging underexplored gold district





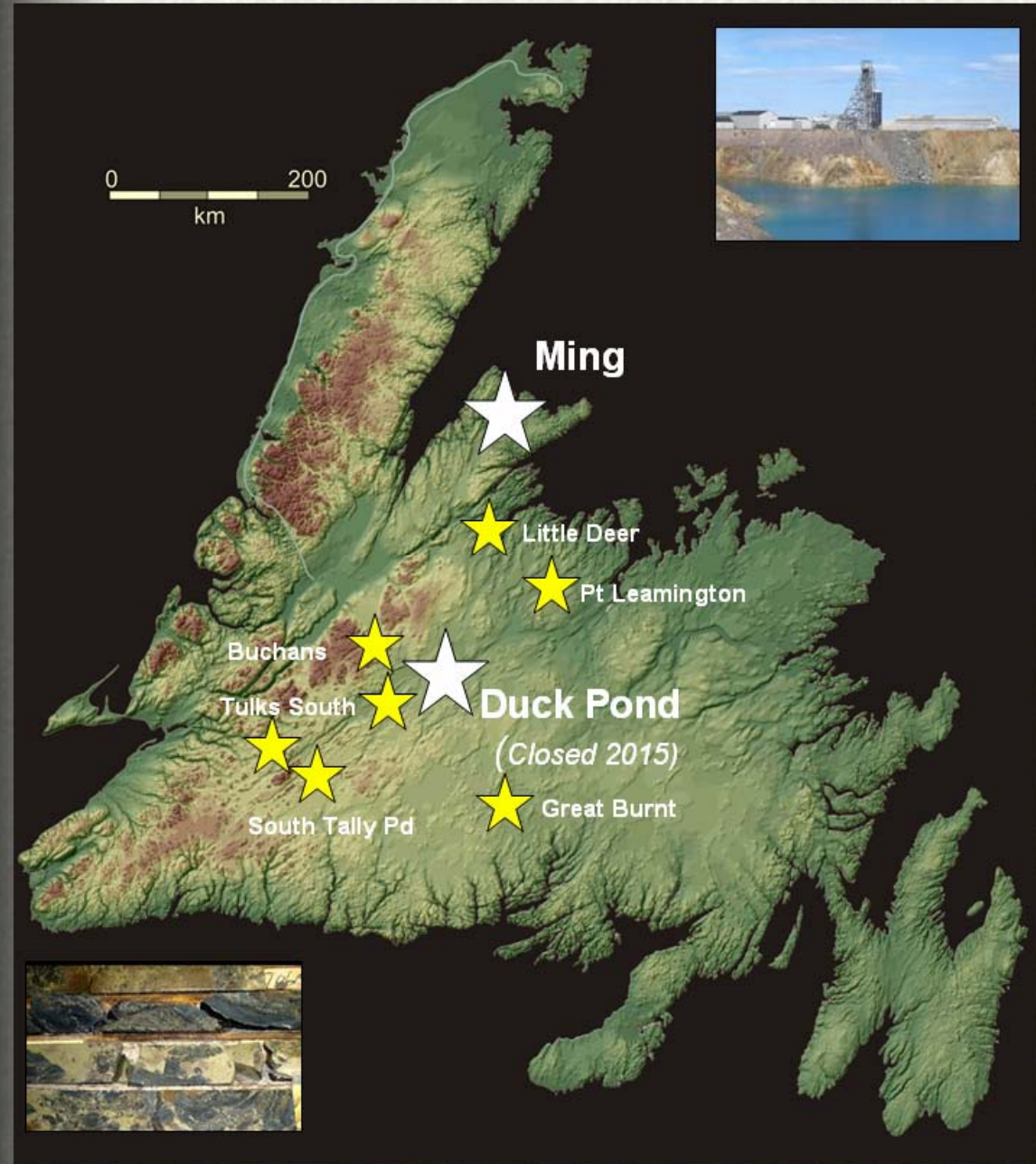
COPPER-ZINC-LEAD (Gold, Silver)

★ Production from underground operations at

Duck Pond Mine
TECK RESOURCES LTD.
(Closed July 2015)

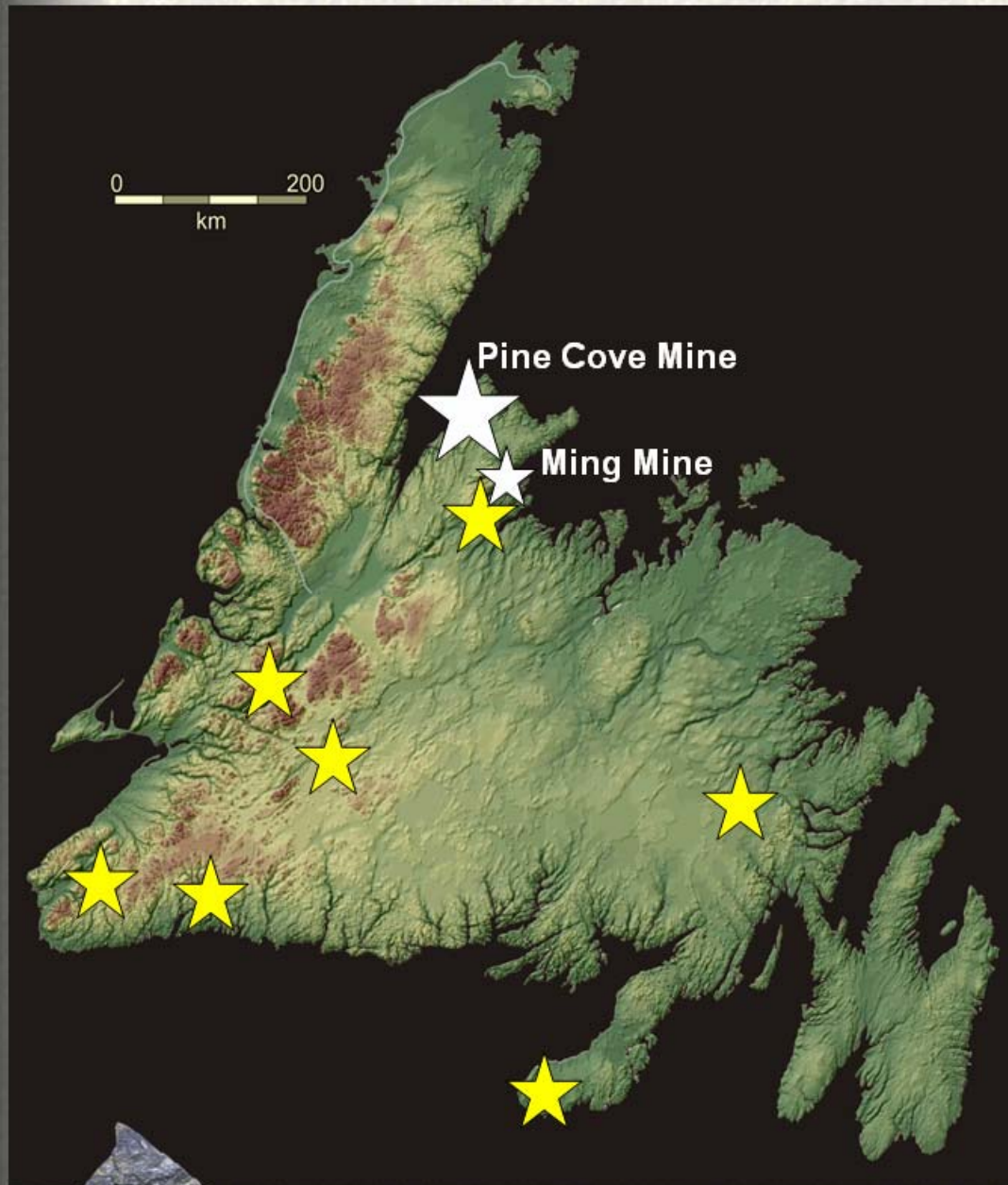
Ming Mine
RAMBLER METALS & MINING PLC.

- ★ Examples:
- Minco PLC
Buchans
 - Canadian Zinc Corporation
South Tally Pond
 - Spruce Ridge Resources
Great Burnt
 - Newmarket Gold
Pt. Leamington
 - Thundermin Resources / Rambler: *Little Deer*



纽芬兰和拉布拉多省：矿产资源丰富 - 投资环境良好 - 投资环境良好

纽芬兰和拉布拉多省：矿产资源丰富 - 投资环境良好



GOLD



Production from open pit operations, Pine Cove Mine

ANACONDA MINING INC.



Some advanced projects:

- Marathon Gold Corp.
Victoria Lake
- First Mining Finance Corp.
Hope Brook
- Maritime Resources Corp.
Green Bay
- Benton Resource Corp.
Cape Ray
- Mountain Lake Minerals Inc.
Glover Island
- A. Turpin: *Big Easy*



Au is important by-product at Rambler Metals & Mining's Ming Cu Mine ☆

U

Advanced project:
Paladin Energy Ltd. *Michelin Project*
Global resource 140 Mlb U₃O₈

Mo W

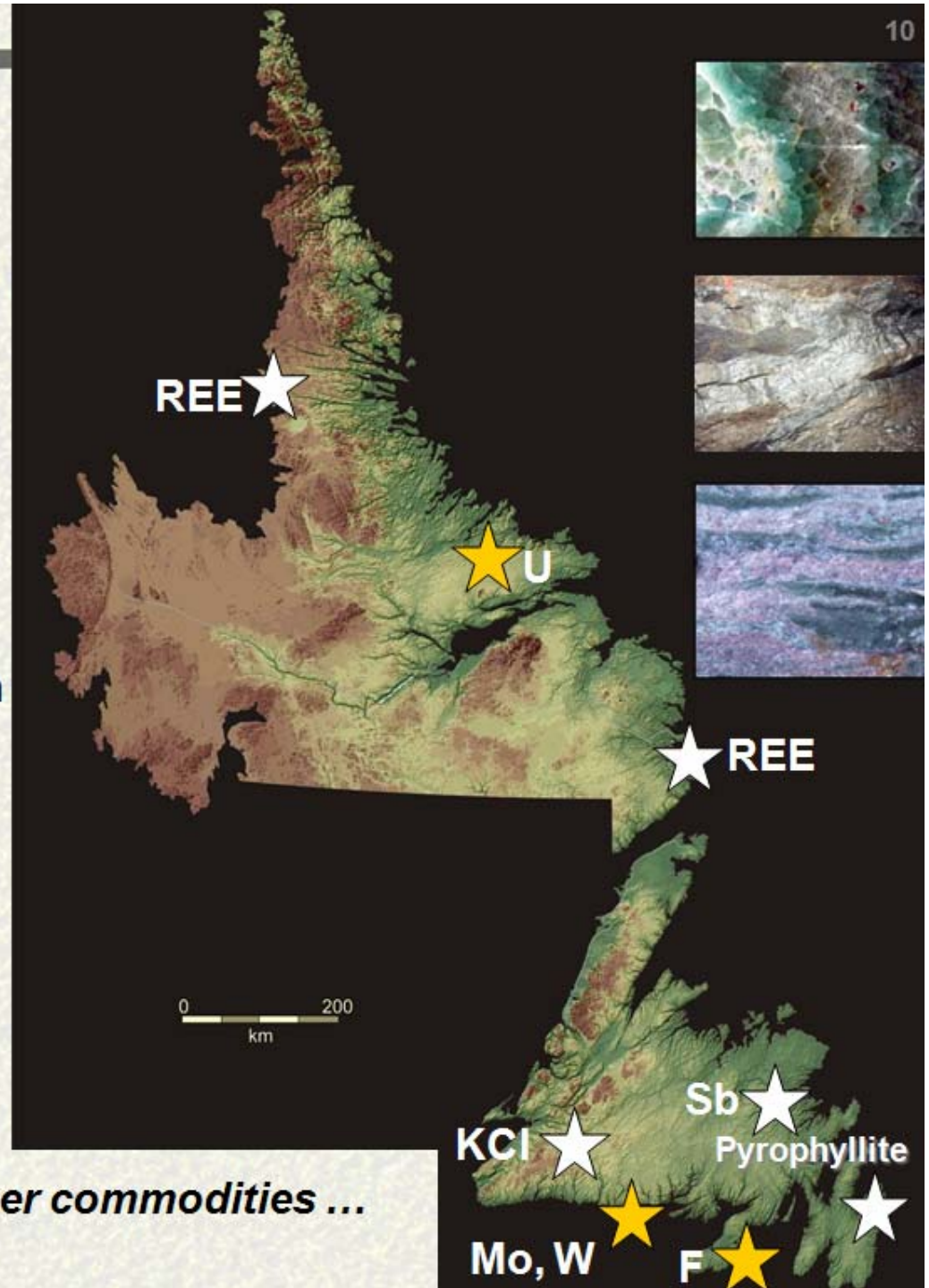
Starcore International Mo: *Moly Brook*
Indicated Resource of 86.8 million tonnes grading 0.065% molybdenum

Playfair Minerals W: *Grey River*
852,000 tonnes grading 0.86 WO₃

FLUORSPAR

Development by:
Canada Fluorspar Inc.
St. Lawrence
9,100,000 tonnes at 42.0% CaF₂

Potash, Sb, REEs, F and other commodities ...



Investment opportunities are available:



- Land acquisition either through on-line staking or partnerships with Canadian companies
- Partners with advanced projects are available (for example):

Minco Plc *Zn-Cu-Pb*

Canadian Zinc *Zn-Cu-Pb*

Maritime Resources *Au*

Marathon Gold Corp. *Au*

First Mining Finance *Au*

Benton Resource Corp. *Au*

Canada Fluorspar *F*

New Millennium Iron *Fe*

Trinity Resources *Industrial Minerals*

Muskrat Minerals *Fe*

投资机会
纽芬兰和拉布拉多省的矿产勘探项目

Newfoundland Labrador
自然资源

纽芬兰-拉布拉多省

Opportunities for Investment
Mineral Exploration Projects in Newfoundland and Labrador

REDUCING INVESTMENT RISK

ADDITIONAL FACTORS:

Government support at municipal, provincial and federal levels

Stable taxation and regulatory environments

Clear guidelines for Aboriginal consultation

Potential partners with social license to operate

Professional services and skilled labor available



QUÉBEC

Exploration


and

Mining Investment Opportunities

Jean-Yves Labbé, géo., PhD.
Ministère de l'Énergie
et des Ressources naturelles
October, 2015



Énergie et Ressources
naturelles

Québec 



Québec mining sector



- 27 active mines, 5 projects in construction or start-up, 3 expansion projects
- Main production : iron ore, gold, nickel, niobium, copper and zinc concentrates, ilmenite and platinum
- Mineral Shipments (2014) : \$8.7 billion* -- 8.1% more than 2013 (\$8.1 billion)
- 27 advanced projects (toward feasibility), over 200 exploration projects, all over Québec
- Future production : apatite, diamond, graphite, iron-vanadium, lithium, rare earths
- Mining investment (2014) : \$3.1 billion including \$2.9 billion (mine development) and \$272 million (exploration and deposit appraisal) (juniors: \$204 million, majors: \$68 million)

*: Can \$



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Québec 



A few good reasons to invest in Quebec

- Low-cost hydro-electricity
- Highly qualified workforce
- Large network of mine-related services providers
- Active R&D network
- Quebec support to the industry

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Québec 

Québec support to the Industry

Exploration and mining activities

- Online interactive geology map and geoscience data bank
- Online map-staking and mining titles management
- New Mining Act and Mining Tax Act, clear permitting process
- Fiscal incentives for exploration to transformation activities
- Support of Québec's finance institutions at every step of mine development, mineral processing and manufacturing

Government actions

- Commitment to transparency, environment, social responsibility and consultation of Aboriginal communities
- Commitment for a feasibility study on rail access to iron ore deposits
- Action plans and strategies for hydroelectricity, wind power, oil & gas, transportation electrification, maritime transportation and fight against climate change
- Plan Nord : coherent and integrated development of Northern Québec

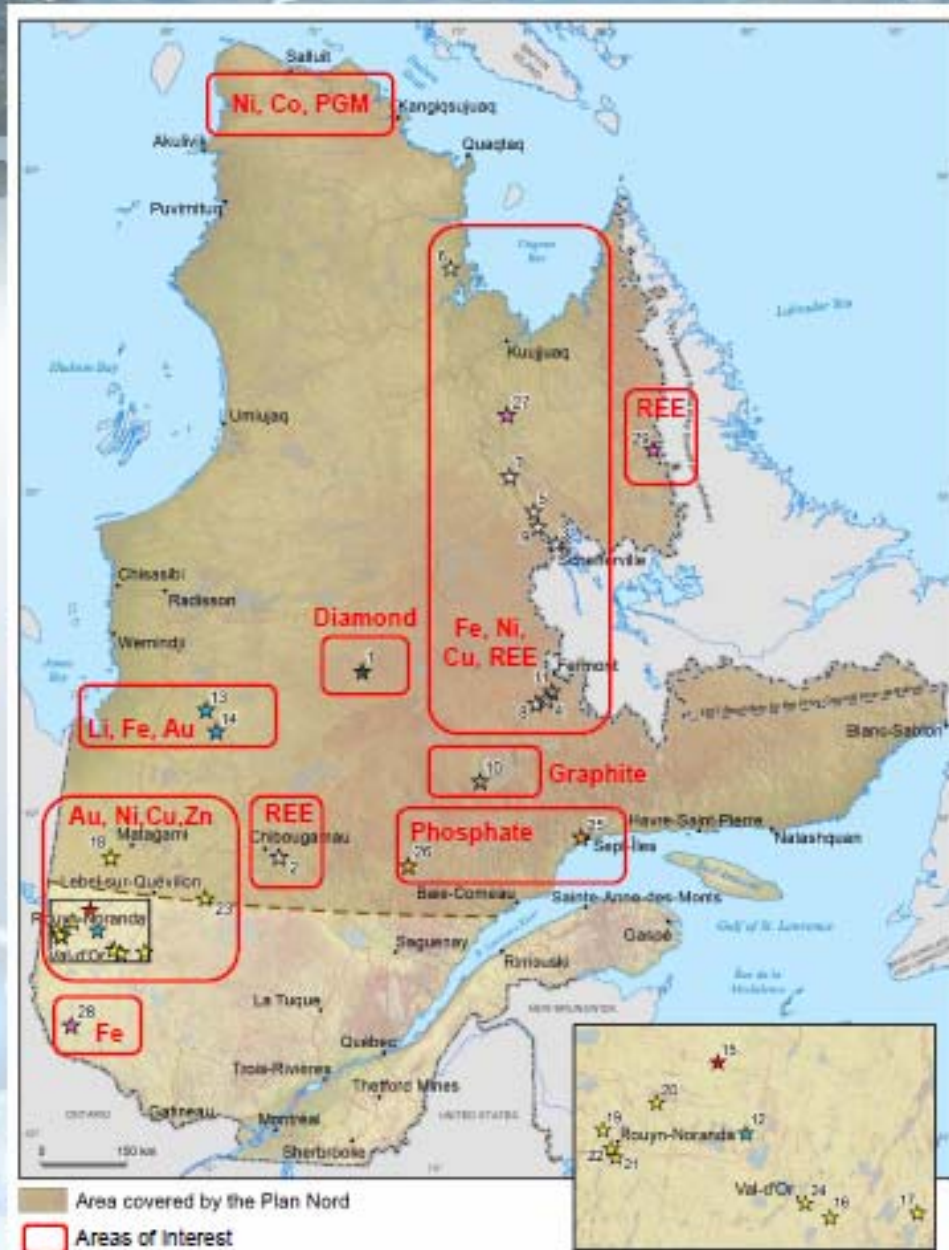


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Québec

Investment Opportunities

Mining companies
Investors, commodities
traders and off-take
agreements



- Mining projects**
- ★ **Diamond**
 - 1- Renard (Stomway Diamond Corporation)
 - ★ **Iron, iron and titanium, vanadium**
 - 2- Blackrock (Blackrock Metals)
 - 3- DSO (Tata Steel Minerals Canada)
 - 4- Fire Lake North (Champion Iron)
 - 5- Full Moon - Sunny Lake (Wisco Century Sunny Lake Iron Mines)
 - 6- Hopes Advance (Oceanic Iron Ore Corporation)
 - 7- Lac Otehluk (Lac Otehluk Mining)
 - 8- Lamâlie (Lamâlie Minerais de Fer)
 - 9- Taconite - KéMag (New Millennium Iron Corp.)
 - ★ **Graphite**
 - 10- Lac Guéret (Mason Graphite)
 - 11- Lac Knife (Focus Graphite)
 - ★ **Lithium**
 - 12- Authier (Glen Eagle Resources)
 - 13- Rose Tantalite-Lithium (Critical Elements Corp.)
 - 14- Whabouchi (Nemaska Lithium)
 - ★ **Nickel, copper**
 - 15- Dumont Nickel (Royal Nickel Corporation)
 - ★ **Gold**
 - 16- Akasaba Quest (Agnico Eagle Mines)
 - 17- Croisor Gold (Monarque Gold Corporation)
 - 18- Douay Quest (Aurista Gold Corporation)
 - 19- Elder (Mines-Abcoust)
 - 20- Fayolle (Hecla Québec)
 - 21- Granada (Gold Bullion Development Corp.)
 - 22- Lac Pélétier (QMX Gold Corporation)
 - 23- Lac Windfall (Eagle Hill Exploration Corporation)
 - 24- Lamaque Sud (Integra Gold Corporation)
 - ★ **Phosphate**
 - 25- Arnaud (Mine Arnaud)
 - 26- Lac à Paul (Arianna Phosphate)
 - ★ **Rare earths**
 - 27- Ashram (Eldor) (Commerce Resources Corp.)
 - 28- Kipawa (Zeus) (Matamec Explorations)
 - 29- Strange Lake / B-Zone (Quest Rare Minerals)

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Plan Nord

Plan Nord, this major sustainable development project and take advantage of the opportunities it revealed. It intends to make it one of the primary focus areas of the revival of Québec's economy, along with the closely related Maritime Strategy.

By 2035, the Plan Nord will have enabled the development of this rich resources area, for the benefit of its populations and of the whole of Québec, through an exemplary form of sustainable development based on a comprehensive, integrated, consistent and responsible approach.



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Québec 

Plan Nord



Area covered by the Plan Nord

Legend	
Transport infrastructure	
	Main Road
	Railroad
	Energy transmission line
	Main network airport
	Breakwater drop-off merchandise
	Port
	Deep-water port
	Dock

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Québec



Plan Nord

Four basic principles have been established :

- A planned, coordinated project **based on partnership**, private-sector investment and support for communities
- A focus on **sustainable development** that integrates the economic, social and environmental dimensions.
- Government actions adapted to the **realities of local and aboriginal communities** and to northern areas in general.
- A **harmonious and ethical approach** to development that remains respectful of aboriginal and non-aboriginal communities and consistent with equality between men and women.

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Québec 

Exploring Québec



Investors will find :

- Clear government support
- Clear regulatory environment
- Growth oriented action plans including Plan Nord
- Ideal investment conditions
- Diversified portfolio of high quality exploration and mining projects
- Huge potential for natural resources development
- Supportive mining community



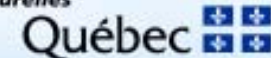
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Mining in Saskatchewan, Canada 2015 : Growth, Potential and Opportunity

2015年加拿大萨斯喀彻温省矿业的增长、潜力和机会

2015年10月

加里·丹尼博士，首席地质师
萨斯喀彻温省经济部地质调查局

October 2015

Gary Delaney, Chief Geologist
Saskatchewan Geological Survey
Minerals, Lands and Resource Policy Division
Saskatchewan Ministry of the Economy

Saskatchewan: Rich Endowment of Minerals

萨省：多元化的丰富矿产资源

生产的钾盐占世界第一，铀矿占第二
生产的石油占加拿大第二，天然气占第三

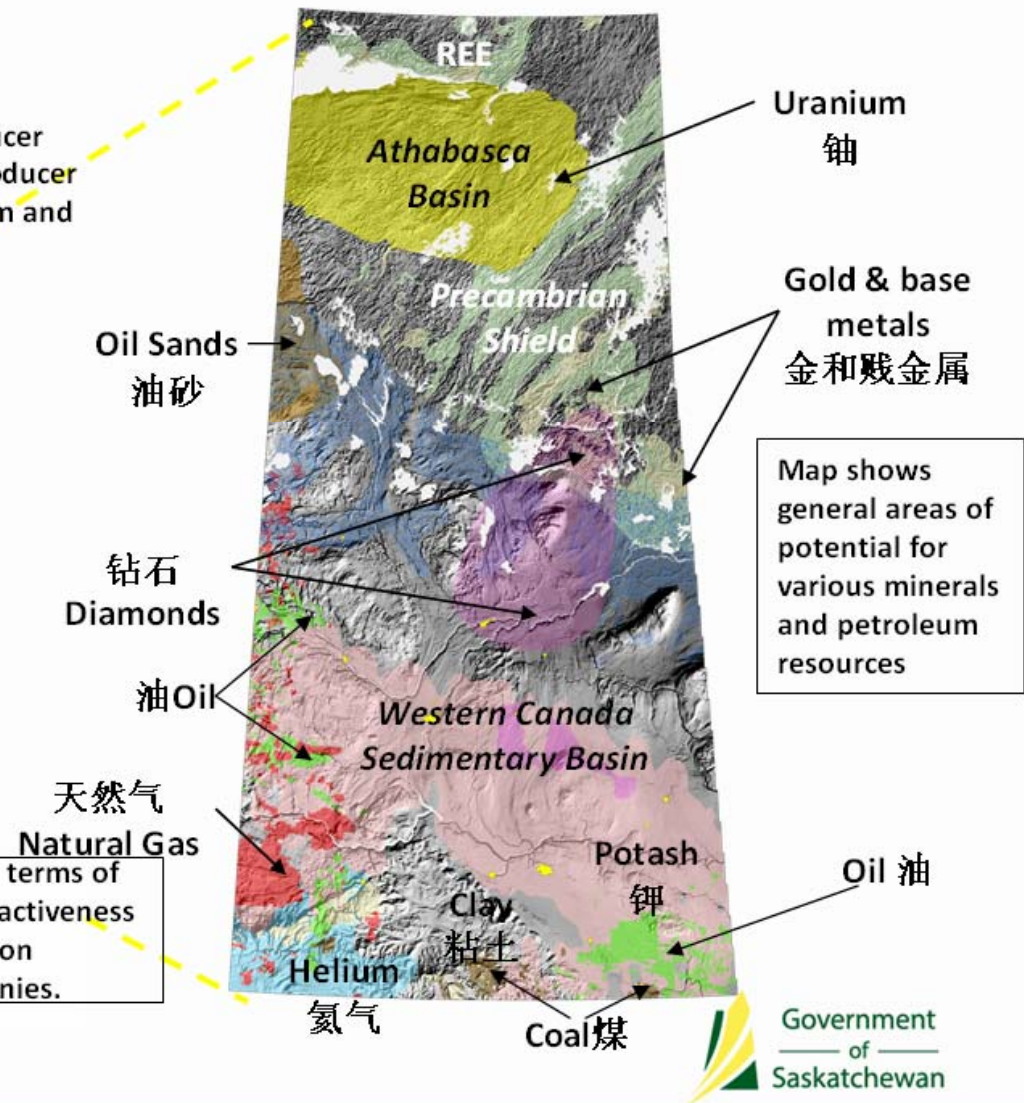
- World's largest potash producer and 2nd largest uranium producer
- Canada's 2nd largest oil producer and 3rd largest natural gas producer
- Significant untapped potential as highlighted by recent uranium and diamond discoveries



651,036 km²

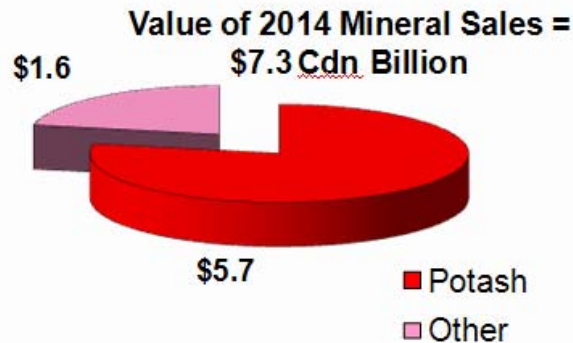
Ranked 1st in Canada and 2th overall out of 122 jurisdictions in terms of Investment Attractiveness (composite measure of geologic attractiveness and effects of government policy on attitudes toward exploration investment) in Fraser Institute's 2014 Survey of Mining Companies.

saskatchewan.ca



Saskatchewan Value of Mineral Production

萨省: 矿产销售值



2014:

- ~\$7.3B
- Production: Potash, uranium, coal, gold, base metals, silver, salt, sodium sulphate, potassium sulphate, bentonite, silica sand and kaolin;

在产矿种类: 钾盐、铀、煤、金、贱金属, 银, 盐、硫酸钠、硫酸钾、本脱石、硅砂、和高岭土

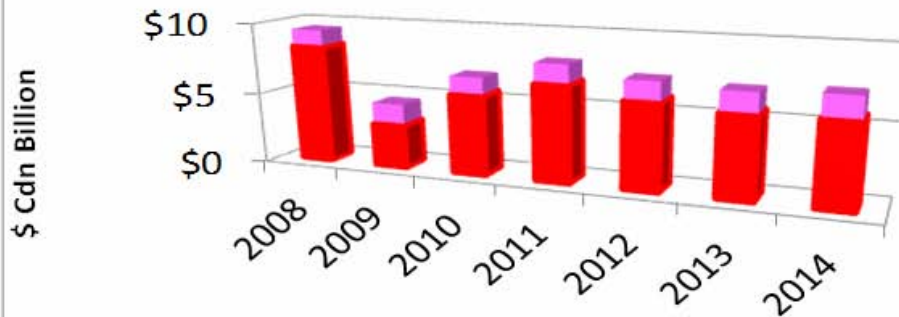
2008 - 2014:

- Low of \$4.6 B in 2009 to High of \$9.5 B in 2008

Position in Canada (value of production):

- Commonly in top 3: #1 in 2008; #3 in 2012 and 2013*

Value of Saskatchewan Mineral Production \$ Cdn B, 2008-14



30,500 direct, indirect and induced jobs

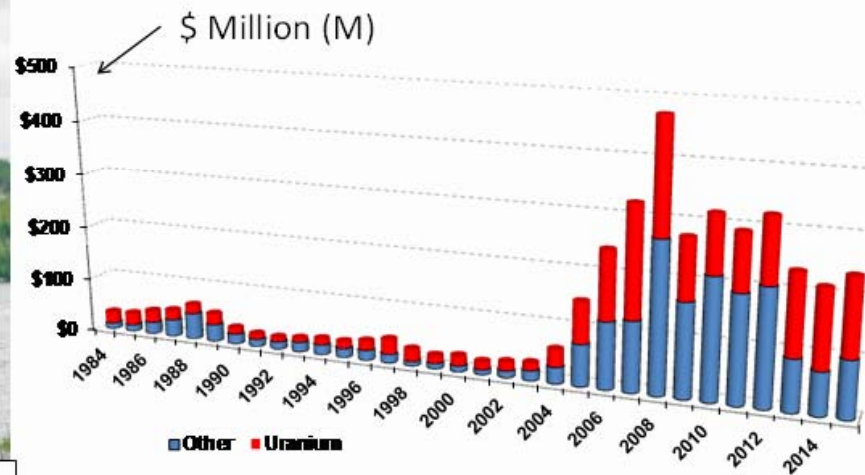
Saskatchewan

Mineral Exploration Expenditures: 1984 – 2015

1984-2015年萨斯喀彻温省矿产的勘探费



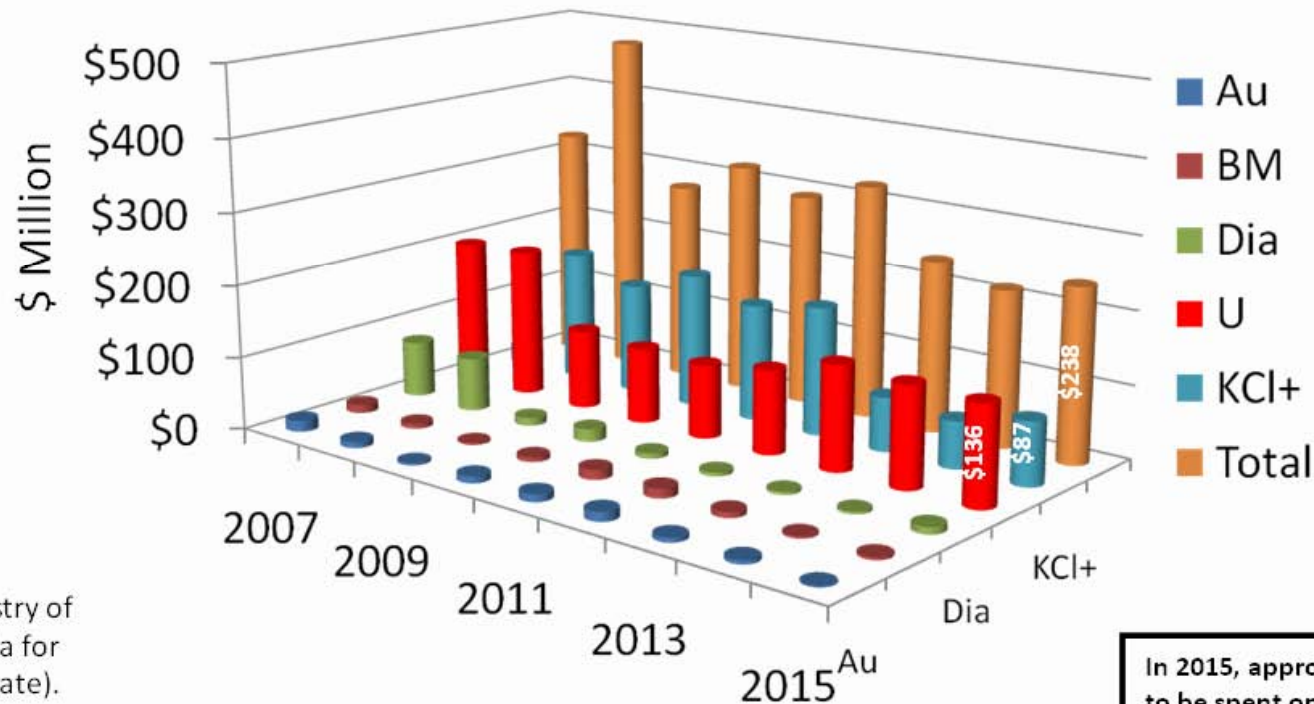
For 2015, NRCan has estimated that mineral exploration and deposit appraisal expenditures in Saskatchewan will account for 15.7% of total Canadian spending.



* Data from the Annual Survey of Mineral Exploration Expenditures by the Saskatchewan Ministry of the Economy.
 ** Data for 2015 are a preliminary estimate.

Saskatchewan: Mineral Exploration Expenditures By Mineral(s) Type; 2007 –2015

2007-2015年萨斯喀彻温省不同矿产的勘探费

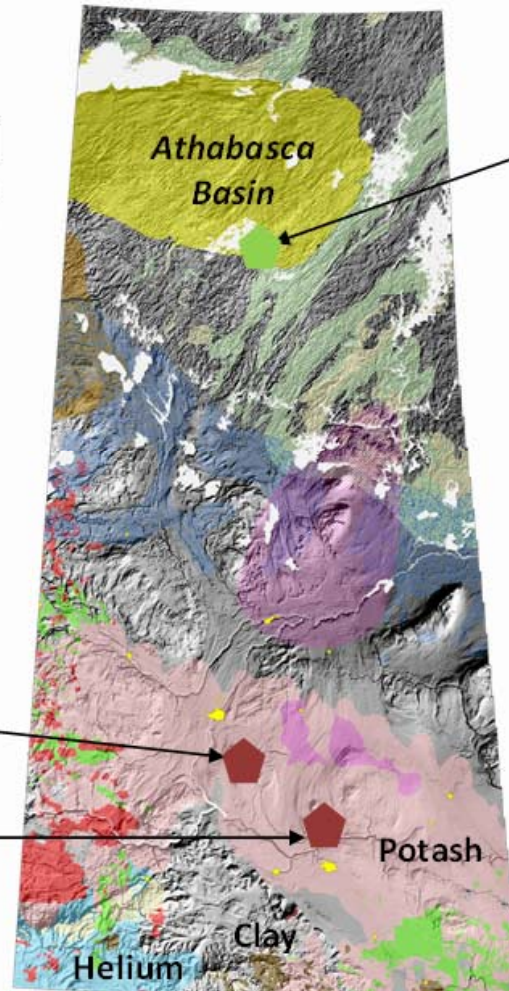


Data from SK Ministry of the Economy (data for 2015 are an estimate).

In 2015, approximately \$147M to be spent on projects in Northern Saskatchewan

Companies at Beijing Forum with Saskatchewan Potash and Uranium Projects Interested in Investment Proposals

参加北京论坛公司：
在萨斯喀彻温拥有钾肥和
铀矿项目并欢迎新的投资
建议



Abasca Resources Inc: Key
Lake South Uranium
Project

Zhongchuan International
Mining Holding Co., Ltd:
M&J Potash Project

Yancoal Canada Resources Co.
Ltd: Southey Potash Project

Map shows
general areas of
potential for
various minerals
and petroleum
resources

wan.ca

Companies may only be considering investment proposals in some of their projects. For information on the companies and the specific projects for which they will consider investment proposals see: http://economy.gov.sk.ca/investment_opportunities The Government of Saskatchewan does not endorse specific companies or their projects and recommends careful due diligence prior to any investment.

Support for Mineral Exploration and Development in Saskatchewan

政府支持萨斯喀彻温省矿产勘查和开发



Support for mineral exploration and development in Saskatchewan:

- High quality easily accessible geosciences information (Geological Atlas of Saskatchewan and meetings with government geologists)
- Mineral Administration Registry Saskatchewan (MARS)
- Labour market services
- Support for training:
 - International Minerals Innovation Institute
 - colleges
 - universities
- Introduction to consultants
- Help and support with understanding the policy and regulatory environment including:
 - Environmental permitting
 - Mine Surface Lease Agreements
 - Taxes and royalties
 - Consultation
- Information on:
 - local knowledgeable consultants
 - suppliers to the mining industry

A photograph of three geologists in a field setting. One man in a green shirt and tan pants stands on the left, holding a clipboard. Another man in a light blue shirt is kneeling in the center, examining a rock sample. A third man in a red shirt stands on the right, looking towards the lake. They are on a rocky shore next to a large body of water, with a forested hill in the background under a blue sky with clouds.

**Saskatchewan, Canada: Potential, Opportunity and One
of the Best Investment Climates in the World for
Minerals Projects**

**加拿大萨斯喀彻温省: 拥有潜力和机会, 是世界上最好的
矿业投资环境之一**

Dr. Gary Delaney

Chief Geologist

Saskatchewan Geoloical Survey

Saskatchewan Ministry of the Economy

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Ministry of
Energy and Mines

Productive, British Columbia, Canada

GEOLOGY — STRATEGIC LOCATION — INFRASTRUCTURE — MINE PRODUCTION — MINE DEVELOPMENT

Gordon Clarke
British Columbia Canada
Mineral Development Office
Canada China Mining
Investment Forum 2015



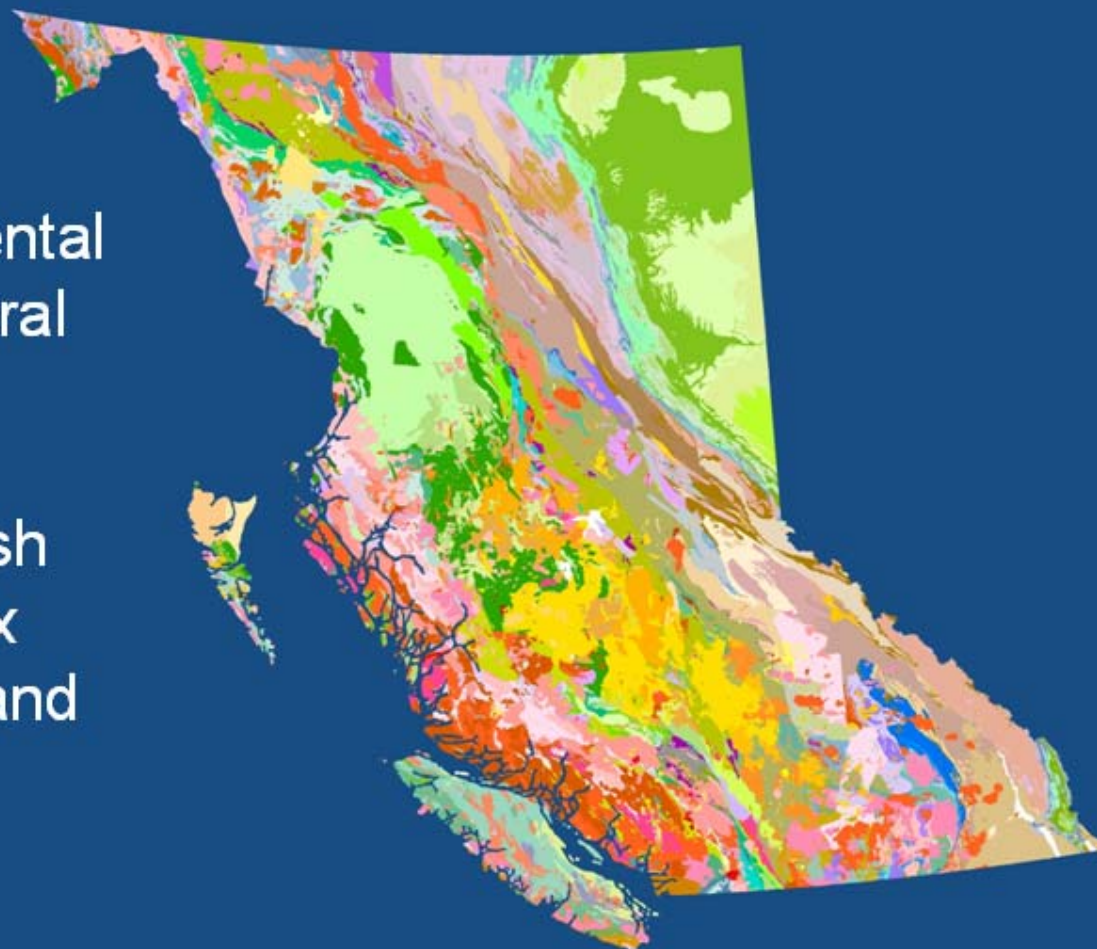


B.C. GEOLOGY



Ministry of
Energy and Mines

- Mines do not exist without the fundamental requirement of mineral endowment
- The geology of British Columbia is complex and rich in mineral and coal resources





B.C. LOCATION



Ministry of
Energy and Mines





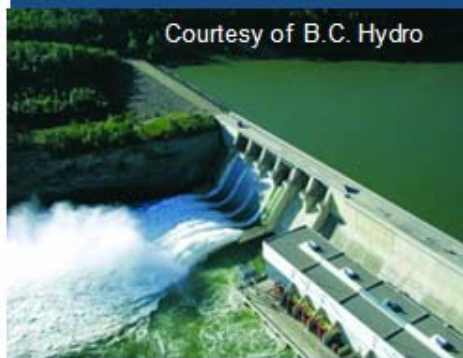
B.C. INFRASTRUCTURE



Ministry of
Energy and Mines

Physical Infrastructure

- Low cost electricity
- Deep water ports
- Road and Rail Networks



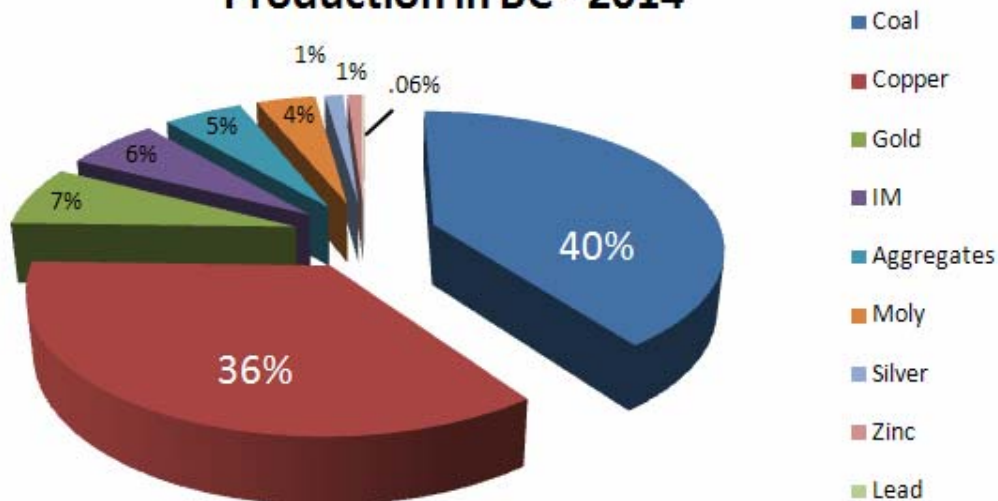


B.C. PRODUCTION



Ministry of
Energy and Mines

**Preliminary Estimated Value of Mineral
Production in BC - 2014**



**2014
Estimated
Production
\$7.0 Billion**



B.C. MINES



Ministry of Energy and Mines





Continual Mine Development



Ministry of
Energy and Mines

New Afton
2012



Mount Milligan
2013



Red Chris
2015



Silvertip
(2016 Projected)



Brucejack
(2017 Projected)



*Permitting for Advanced
Projects to be streamlined
by a new Major Mines
Permitting Office*



Continued Mineral Exploration



Ministry of
Energy and Mines

**2014 exploration expenditures
\$338 million**

While there has been a downturn in mineral exploration world wide, B.C. currently has approximately

- 26 mine evaluation projects
- 28 advanced exploration projects
- 157 exploration projects





Information documents of various types are available



Ministry of Energy and Mines

OPPORTUNITIES TO EXPLORE

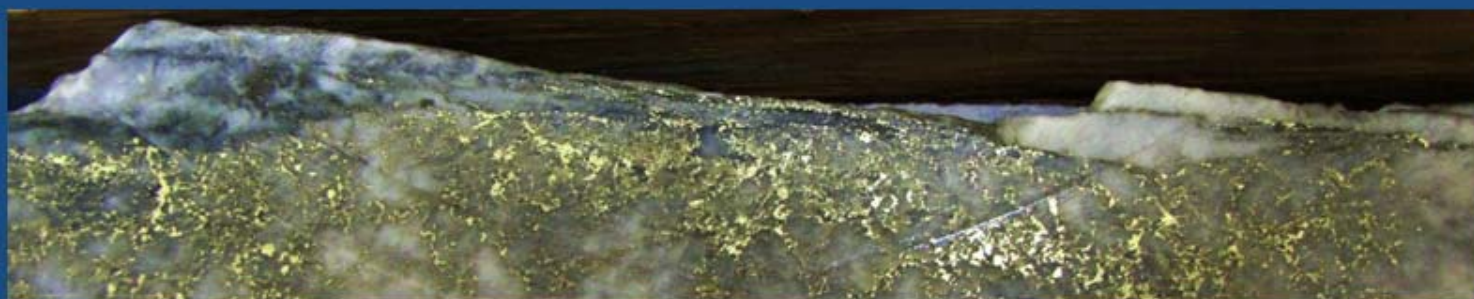


Visit the B.C. booth for more information.



Ministry of
Energy and Mines

Thank You



High grade gold rich drill core from Pretium Brucejack Project
Zijin Mining Group C\$81 Million Investment

INVEST YUKON



Government of Yukon
Department of Economic Development

YUKON TERRITORY

- Stable, solution-orientated and pro-industry government
- World class geological endowment and exploration potential
- Legislation that applies throughout Yukon to all projects and to the federal, territorial and First Nation governments
- Since Devolution in 2003, Yukon control and decisions on resources
- Business/investment First Nation partners



WORLD CLASS MINERAL ENDOWMENT

30 million ounces
of gold

50 million ounces
of silver

10 million ounces
of pgm's

All in only 12% of
Yukon's Land
Mass

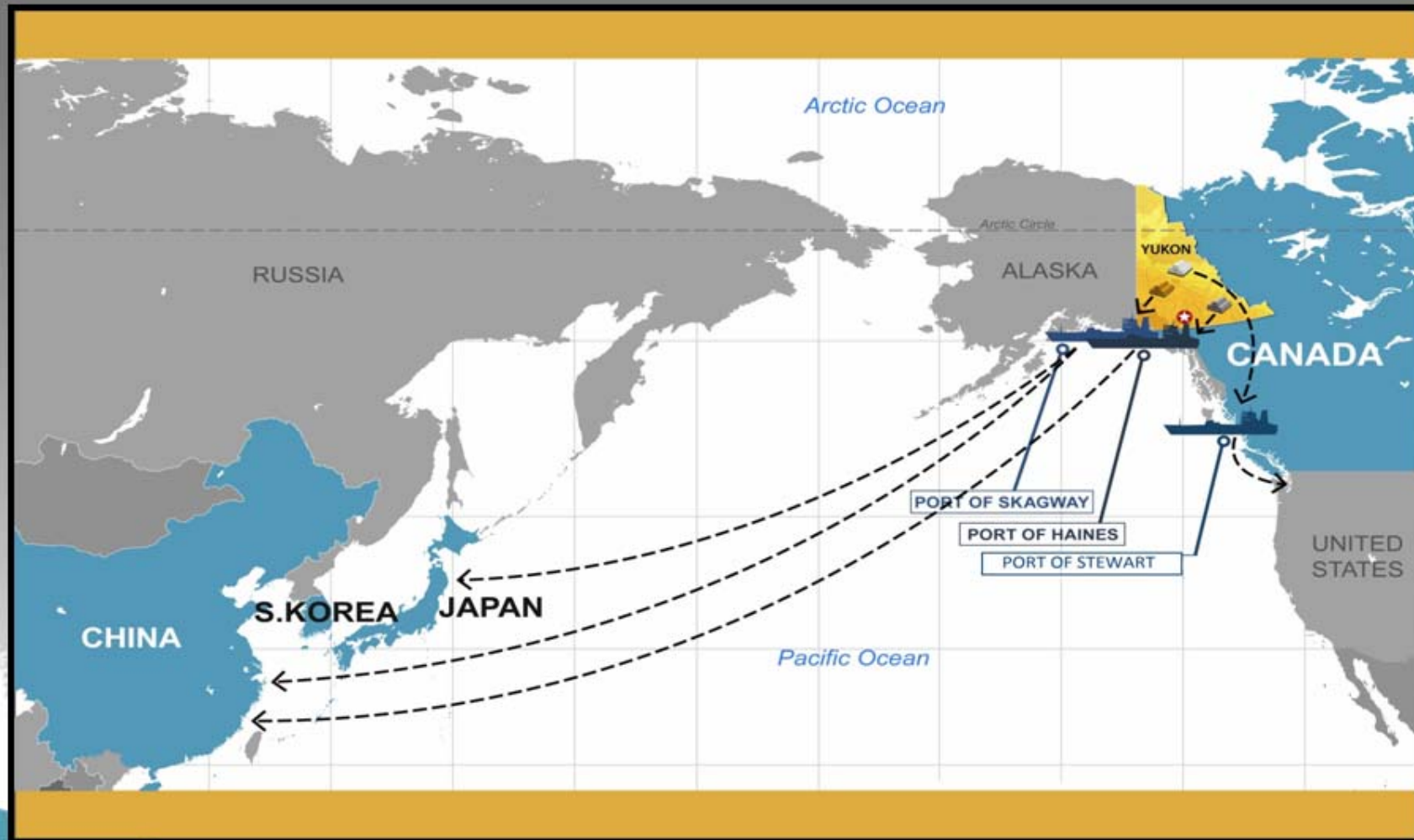


Yukon hosts 15% of the world's lead-zinc
Home to Canada's only carlin style deposit

Canada's highest grade silver mine

Yukon remains largely under-explored!

STRATEGIC LOCATION



Closest North American ports to primary Asian markets.
Three deep-water, ice-free ports, year-round.

INFRASTRUCTURE

- **Well Maintained and Connected Highway System:**

Yukon has over 5000 kms of all weather maintained highways

- **Connected and advancing telecommunications:**

High capacity fibre optic cable and 4G service expanding throughout Yukon communities.

- **International and community airports:**

Close proximity to many Yukon projects.

- **Hydro-power energy system:**

LNG backup generation and investigation of an additional large-scale hydroelectric power facility for Yukon.

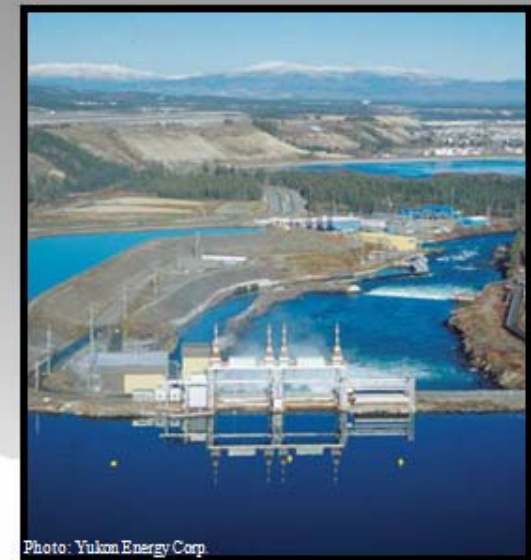


Photo: Yukon Energy Corp.

Yukon Energy Corp. hydro facility in Whitehorse.

POSITIVE INVESTMENT CLIMATE

- Canada and Yukon have internationally competitive mining tax systems
- Competitive profit-based royalty regime
- Steps to mining development are well-defined
- Canada's most advanced land claims



Minto Mine, Capstone Mining Corp.

CONTACT

**Department of Economic Development
Government of Yukon**

Telephone: 1-800-661-0408 ext. 7014

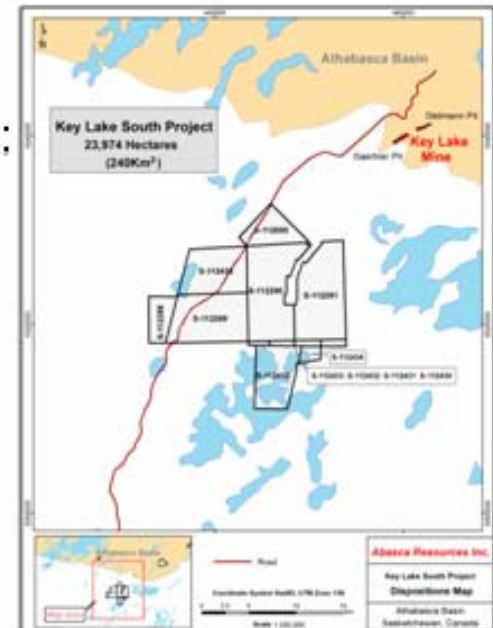
E-mail: investyukon@gov.yk.ca

**www.investyukon.com
www.miningyukon.com**

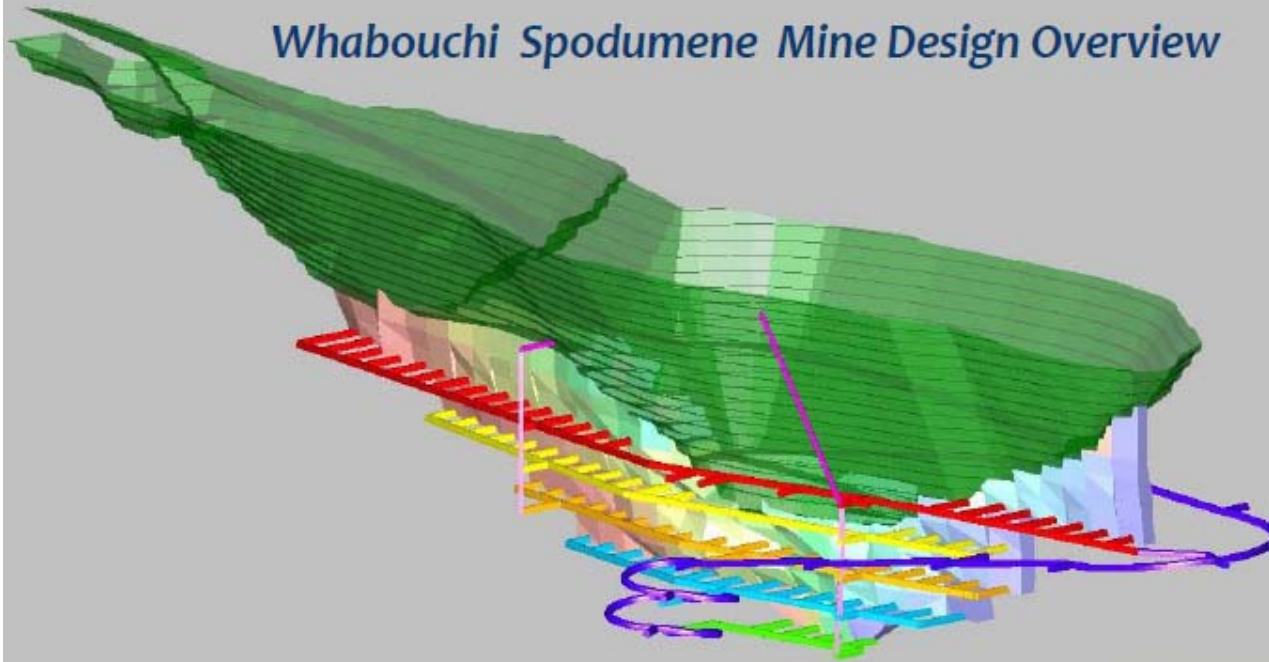
- * 立志在加拿大和其它地区寻找矿产资源，为股东创利
- * 南钥匙湖铀矿项目(KLS)位于高品位大铀矿的阿萨巴斯卡盆地东部
- * 探矿权益区占地240平方公里（23974公顷）；
拥有构造, 蚀变, 矿化和埋深等有利于形成矿床的条件：
风化层和砂岩露头指示其基岩位于阿萨巴斯卡盆地有利于形成铀矿床古不整合面附近；
近年地球物理和地球化学勘测确定了钻探目标；
接近Cameco钥匙湖铀矿加工厂；
并具其他良好的基础设施。
- * 寻找合作，以求共赢

周丹媛 中国地大地质科学硕士
Dawn Zhou 加拿大注册会计师

- ✓ 具备成功记录的
精干团队
- ✓ 拥有地质优良的
探矿项目



Whabouchi Spodumene Mine Design Overview



NEMASKA
LITHIUM

Mine Site :

Low stripping ratio +
low dilution + low mica
=

high quality + low cost
spodumene concentrate easy
to convert into B-spodumene

+ Transformation Site :

Process to produce directly
Lithium Hydroxide
Monohydrate (LHM) at low
OPEX cost (3100 \$US/t LHM)

=

Strong economics based on Feasibility Study:

NPV \$924M, IRR 25.2%

(8% Discount, Pre-tax)

28 000 tons/year LCE



Intended transformation plant facilities

兖煤加拿大资源有限公司



- ❖ 公司位于加拿大萨斯卡通市，注册资金**2.9**亿美元，是兖州煤业全资附属公司，主要从事钾盐等资源勘探和开发。
- ❖ 母公司四地上市（纽约、悉尼、上海及香港），拥有先进的采矿技术、煤化工技术、全球化营销网络和丰富的国际化运营经验。
- ❖ **280**万吨索西水溶钾矿项目，位于萨省里贾纳市北约**60km**，钾石盐总资源量**51**亿吨，氯化钾平均含量**32%**。已完成地质勘探、**NI43-101**报告、基础环评和预可研，落实水、电、气、铁路及码头等外部条件。可研**2015**年**12**月完成，环评批复预计**2016**年**3**月，**2016**年拟开工建设，**2020**年建成投产。
- ❖ 项目总投资约**36.6**亿加元，热忱欢迎意向合作方共同开发兖矿索西钾矿项目，或选择兖矿其他钾矿区块，单独开发。

NYSE(纽约): **YZC**

ASX (悉尼): **YAL**

HKEX(香港): **01171**

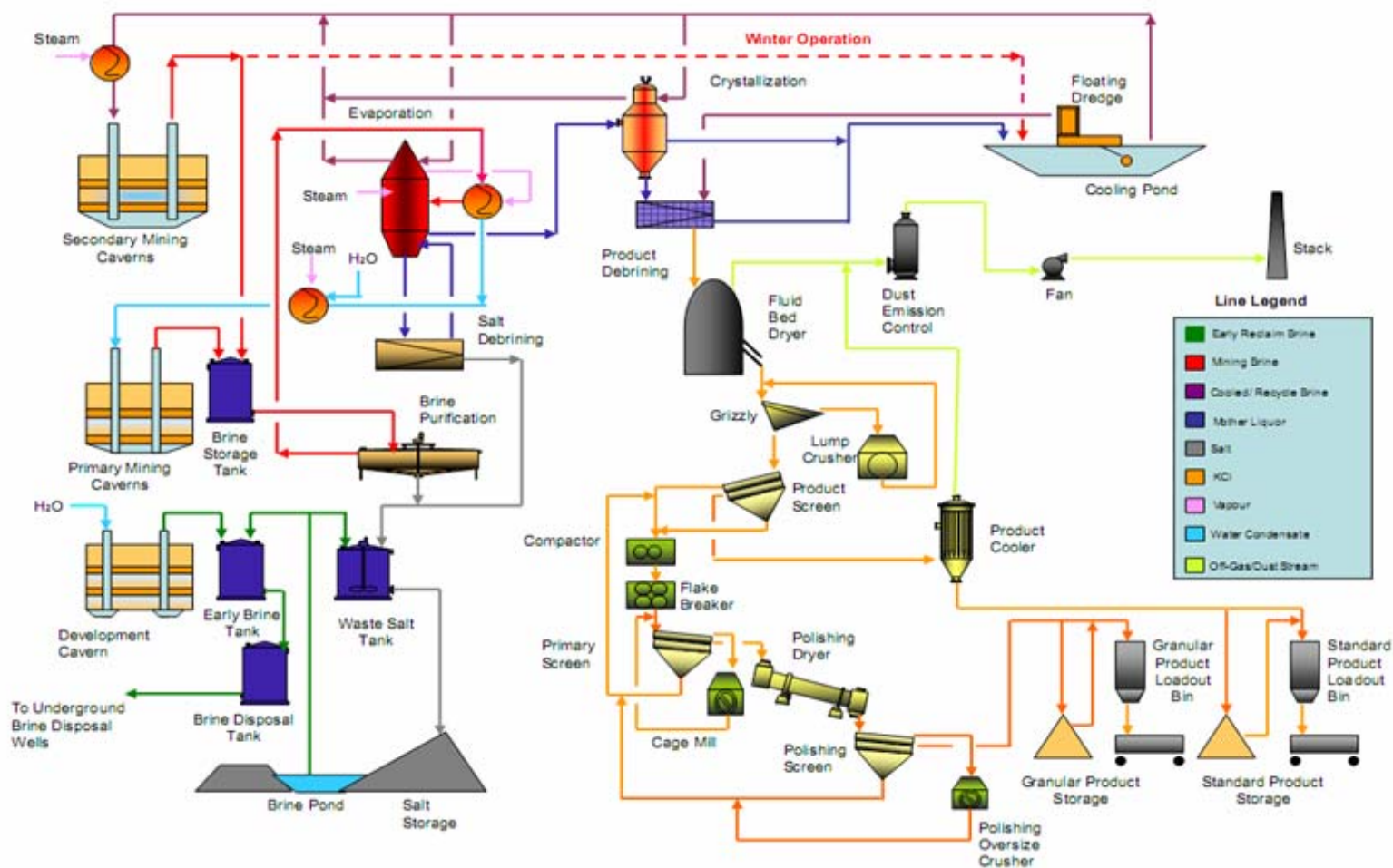
SSE (上海): **600188**



- 地质资源优质： KP-488矿区位于全世界钾盐资源最丰富的盆地中心，并处于加拿大萨省中南部的优质钾盐成矿带中。本矿区内皆为优质钾石盐资源，氯化钾（KCl）平均品位31.72%，利于开采，对环境的影响小。矿区内光卤石矿石所占比例仅为1.57%，且位于矿床底部，影响可以忽略不计。
- 建厂条件成熟： 矿区半径40公里的区域内，有加钾集团（PCS）的阿兰（Allan）矿山与美国美盛公司（Mosaic）的克隆赛（Colonsay）矿山正在开采。两个矿山的年产量都超过了100万吨。
- 根据2010年2月加拿大北环勘探咨询公司（North Rim）出具的NI43-101报告，KP-488矿区资源量为9.03亿吨氯化钾，完全满足300万吨/年氯化钾生产要求。
- 根据七个钻孔和二维、三维地震数据，中国地质科学院测算KP-488资源总量达到11.69亿吨氯化钾。
- 加钾公司（PCS）年产量为1200万吨氯化钾，市值为400亿美元，在相同生产规模下，中钾项目的投资成本仅为其收购要约价的四分之一。



总体工艺流程图



年产300万吨钾盐设计方案工艺图（赫氏可研报告2011年10月）



Canada Minerals Forum - Beijing, China
October 27, 2015

Who we are...

- North Atlantic Iron Corporation (NAIC) is a claimholder of a **Mineral Sands** resource in Newfoundland and Labrador. More than \$10 million has been spent in development efforts
- The project has access to low cost power and is located adjacent to a sea port
- NAIC has developed a process for making high-purity pig iron for foundries and steel mills



What we have...

- Principle focus has been on the recovery and separation of iron ore and other valuable minerals
- A PEA by TWP Worley Parsons indicated a cost to mine and process a tonne of iron ore concentrate is under \$30/tonne
- Minerals are in river sands and adjacent sand banks
- Heavy Minerals (HM) are ~10% of head feed – *mining and processing 10mtpa of mineral sands would yield salable products of:*

Mineral	≈% of HF (wt%)	Tonnes/yr*
Magnetite (62%+ Fe)	<1.0	82,000
Titanomagnetite 52% Fe 9% TiO ₂	>3.0	262,400
Garnet (Almandine)	0.46	37,720
Feldspars	0.45	38,540
Zircon	0.02	1,640
Possible From Slag Recovery	Vanadium	Titanium

* Mine 10 MTPA of Mineral Sands with an 82% recovery rate

What we are here for...

- NAIC is **seeking to Joint Venture with a Chinese** firm that is experienced in the separation/processing of heavy minerals sands
- Alternatively, the partner may be a **user or established trader** in the referenced heavy minerals
- Partner may help determine if there are there valuable mineral products not yet identified
- Potential to expand into other minerals in resource rich NL area including Gold and Antimony

For More Information

liz@ironsands.ca

www.naicorp.ca

Adventure Gold - Val-d'Or East (东) - Resource Overview (资源概观)

- 现有安装就绪的采矿基础设施 (曾经的生产矿井)
- 有近期生产方案
- 有极强的勘探潜力足以增加现有的矿产资源
- 有着强有力的董事会作后盾的经验丰富的高科技管理团队

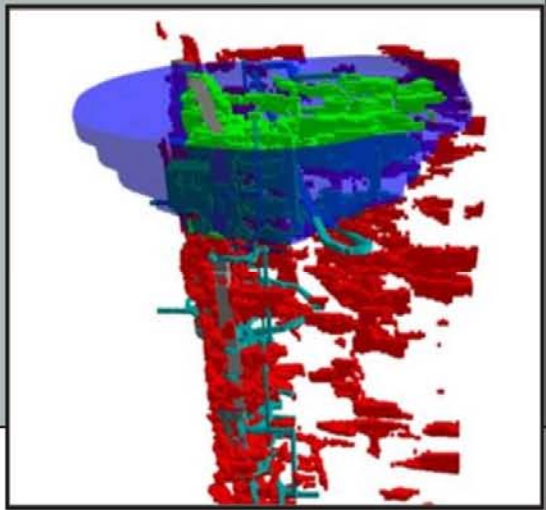
- ▲ 黄金显示^{1,2}
- ★ 金矿³

Adventure Gold - Val-d'Or East (东)



推断资源 (Inferred Resources)

最低开采值 (克/吨)	吨	等级 (克/吨)	盎司 (盎司) ³
露天矿开采 (0.7+) New Beliveau	3,743,000	2.5	300,000
地下 (3.0 +) New Beliveau	2,160,000	5.0	344,000
总资源	9,130,000	2.63	770,000



¹ 参照 MRN Quebec (魁北克天然资源部) SIGEOM 数据库
² 参照 AGE 勘探工作和数据库
³ 参照 AGE 2013 年 1 月加拿大 NI 43-101 SGS 矿物报告

Résénor 金矿 –
 2008 年 AGE 的钻探结果:
 8.6 克/吨 金/1.8米; 35.8克/吨 金/0.5米; 11.1 克/吨 金/0.9米
 (不包括在43-101内)

The O'Brien gold project

PEA for Q4 2015

Targets
delimitation for
resource
expansion

20,000m drilling
program planned
for 2016

Experienced
board of
directors
with 15.49%+
ownership

Historic
production
of
587,121oz
@ **15,25** g/t
Au¹

3 mines
producing
in the
Cadillac
mining
camp

100%
owned by
Radisson

Metallurgical
testing
averaged
11.13 g/t Au
in 2014

Inferred
resources
increased
by 181% in
2015

Source ¹ 43-101 Technical report for the O'Brien project, Abitibi, Québec, by InnovExplo, April 10, 2015

CanAus Coal Limited

Elk Valley Hard Coking Coal



- CanAus is a privately held mining company developing the Michel Creek Hard Coking Coal Project – 100% owned, no royalties or debt
- Located in the Crowsnest Coalfield, part of the Elk Valley B.C. CanAus holds the coal rights & an option to purchase the surface rights
- Resource inventory of ~100Mt of premium hard coking coal, with potential to substantially increase this tonnage
- Low strip ratio, open cut coal; simple processing
- Outstanding coal quality, Elk Valley quality premium hard coking coal (CSR>60), a well known product suitable for Asia's blast furnaces
- NI 43-101 pre-feasibility study on schedule to be completed in December 2015. Data room available
- All infrastructure is in-place (rail / power / roads / port), Project located 15km from the nearest town & workforce
- Superior economics, CanAus will have FOB cash costs in the first cost quartile
- Looking for a strategic partner, either joint venture or equity investment





Victory Nickel Inc.

