



CSE:RXM

# ROCKEX MINING CORPORATION

# *Redefining Canada's Iron Ore Industry*



Positioned To Become The First HBI Producer In Canada.

# DISCLAIMER

The following presentation may include certain “forward-looking statements” within the meaning of applicable Canadian Securities Laws and the United States Private Litigation Reform Act of 1995. All statements, other than statements of historical fact, included in the presentation, including, without limitation, statements regarding potential mineralization and reserves, exploration results, and future plans and objectives of the Company are forward-looking statements. Words such as “expect”, “anticipate”, “estimate”, “may”, “will”, “should”, “intend”, “believe” and other similar expressions are forward-looking statements. Forward-looking statements are not guarantees of future results and conditions but rather reflect the Company’s current views with respect to future events and are subject to risks uncertainties conditions but rather reflect the Company’s current with respect to risks, uncertainties, assumptions and other factors. Actual results and future events could differ materially from those anticipated in such forward-looking statements. There can be no assurance that such forward-looking statements will prove to be accurate.

The 43-101 Technical Report and Mineral Resource estimate on the Western Lake St. Joseph Iron Ore Project’s Eagle Island resource was completed on January 28, 2011 and prepared by Watts, Griffis and McOuat’s Senior Geologist and VP, Michael Kociumbas, P. Geo., Senior Associate Geologist, Richard Risto, P. Geo. And Senior Associate Metallurgical Engineer, G. Ross MacFarlane, P. Eng. This report and all news releases pertaining drill results received since the date of the Technical Report and Resource estimate are available at [www.sedar.com](http://www.sedar.com) under our company’s profile.

The historical resource estimate for total tonnage, soluble iron and total iron for the Fish Island, Doran Lake and Soule’s Bay East properties is based on data and reports prepared by previous operators and information provided by government ministries. The historic estimates pre-date NI 43-101. A qualified person (within the meaning of NI 43-101) has not yet completed sufficient work to classify the historical estimate as current mineral resources or mineral reserves. The Company is not treating the estimate as a current mineral resource and the historical estimate should not be relied upon. The property will require additional exploration which the Company and its consultants intend to carry out in due course.

# COMPANY OVERVIEW

- Rockex is a Canadian exploration company focused on developing high quality iron ore assets strategically located in areas largely under explored, and that host significant mineral potential - enabling maximum value to the shareholder.
- The company is listed on the Canadian Securities Exchange. **CSE:RXM**
- Rockex has corporate offices in Thunder Bay.
- The collective Management Team and Board of Directors have broad industry expertise's and experience.
- Key personnel and the primary shareholder reside in NWO.
- The Company is committed to sustainable and respectful development practices.

# MANAGEMENT TEAM

## Armando Plastino - President & CEO

Armando Plastino recently retired as the Chief Executive Officer of Essar Global's Canadian subsidiary, Essar Steel Algoma Inc. in Sault Ste Marie, Ontario, after a career spanning nearly 39 years. Mr. Plastino was Chief Executive Officer of Essar Steel Algoma Inc. from April 2009 until his retirement in April 2011. Previously, he was Chief Operating Officer (from April 2008 until April 2009) and Vice President Operations (from March 2001 until April 2008). Mr. Plastino is also the Chair of the Board of Governors of Algoma University in Sault Ste. Marie. He is a 1972 electrical engineering technology graduate of Ryerson University in Toronto, Ontario.

## Sam Garofalo, H.B. Comm., CPA, CA, CMA – CFO & VP of Finance

Sam Garofalo is a director and the Vice-President, Finance and Chief Financial Officer for Rockex Mining Corporation (a mineral exploration company whose shares were listed on the TSX and currently on the CSE and a former Vice-President, Finance and Chief Financial Officer for Metacorp Limited (a mineral exploration company whose shares are listed on the TSXV). Currently Mr. Garofalo is a member of the board of directors of Xmet Inc. (a mineral exploration company whose shares are listed on the TSXV). Mr. Garofalo holds an H.B. Comm from Lakehead University in Thunder Bay, Ontario. Mr. Garofalo had been a professor of accounting at Confederation College in Thunder Bay from 1982 to 2012. He holds the designation of Chartered Accountant from the Institute of Chartered Accountants of Ontario which has been subsequently converted into a CPA designation and the designation of Certified Management Accountant from the Institute of Certified Management Accountants of Ontario. Mr. Garofalo worked as an auditor with Ernst and Young LLP and has over 25 years of experience as CFO for several private companies.

## Tammy Lehtinen – Vice President, Corporate Affairs

Ms. Lehtinen has over a decade of relations and corporate experience and has practiced in Canada, the United States and Mexico. Ms. Lehtinen is also the President of TL Strategic Solutions Inc, a natural resource consulting firm with expertise in stakeholder relations & facilitation, project management, regulatory coordination & facilitation, mineral & land tenure management, and agreement negotiations & implementation. Previously, Ms. Lehtinen was the Manager of Corporate Affairs, Lands and Permitting for Premier Gold Mines (TSX: PG), and led the successful negotiations of multiple community agreements, in addition to securing critical regulatory approvals to carry out Advancement Exploration. Ms. Lehtinen studied International Business at Confederation College, in Thunder Bay, Ontario and has extensive training in Aboriginal law & policy.

## Gilles Filion - Director & Technical Advisor

Gilles Filion is a well respected and well known professional geologist with over 25 years of global experience in the mineral resource sector. Mr. Filion is a former Vice President of Exploration for Goldcorp Inc. He was an essential team member that was instrumental in the success of the world's richest gold mine, the Red Lake Mine. Mr. Filion holds a B.Sc. degree from Ecole Polytechnique in Montreal (1979).

# BOARD OF DIRECTORS

## Armando Plastino – President

Armando Plastino recently retired as the Chief Executive Officer of Essar Global's Canadian subsidiary, Essar Steel Algoma Inc. in Sault Ste Marie, Ontario, after a career spanning nearly 39 years. Mr. Plastino was Chief Executive Officer of Essar Steel Algoma Inc. from April 2009 until his retirement in April 2011. Previously, he was Chief Operating Officer (from April 2008 until April 2009) and Vice President Operations (from March 2001 until April 2008). Mr. Plastino is also the Chair of the Board of Governors of Algoma University in Sault Ste. Marie. He is a 1972 electrical engineering technology graduate of Ryerson University in Toronto, Ontario.

## Pierre Gagne - Chairman

Mr. Gagne is an owner of a heavy civil construction company located in Thunder Bay, Ontario. Mr. Gagne has over twenty years experience in mining and mineral exploration specializing in design/execution of custom civil and mining projects. Mr. Gagne also serves on the board of MetalCORP Limited.

## Sam Garofalo H.B. Comm.,CPA, CA, CMA - Director

Sam Garofalo is a director and the Vice-President, Finance and Chief Financial Officer for Rockex Mining Corporation (a mineral exploration company whose shares were listed on the TSX and currently on the CSE and a former Vice-President, Finance and Chief Financial Officer for Metalcorp Limited (a mineral exploration company whose shares are listed on the TSXV). Currently Mr. Garofalo is a member of the board of directors of Xmet Inc. (a mineral exploration company whose shares are listed on the TSXV). Mr. Garofalo holds an H.B. Comm from Lakehead University in Thunder Bay, Ontario. Mr. Garofalo had been a professor of accounting at Confederation College in Thunder Bay from 1982 to 2012. He holds the designation of Chartered Accountant from the Institute of Chartered Accountants of Ontario which has been subsequently converted into a CPA designation and the designation of Certified Management Accountant from the Institute of Certified Management Accountants of Ontario. Mr. Garofalo worked as an auditor with Ernst and Young LLP and has over 25 years of experience as CFO for several private companies.



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# BOARD OF DIRECTORS

## Jon M. Tondeur, P. Eng. - Director

Mr. Tondeur graduated from the School of Engineering at the University of Guelph in 1985. Until recently, Mr. Tondeur was a senior partner with Stevenson & Hunt Insurance, and was a driving force in growing the firm into one of Canada's largest insurance brokerages. Mr. Tondeur's clientele and area of expertise is primarily in the construction sector, whereby he manages the bonding and insurance requirements for some of the largest contracting firms in Canada. His business intelligence is currently focused on industry diversification and investment.

## Denis Gagnon - Director

Mr. Gagnon has over 30 years of construction experience and he is the current Chairman for North America Construction (1993) Ltd., a company that he co-founded. ([www.nacsworld.com](http://www.nacsworld.com)) NAC specializes in the construction of water treatment, dams, mining, hydro electric and renewable energy projects. Mr. Gagnon also serves as a Executive Director and Vice Chairman for the Progressive Contractors Association of Canada. Mr. Gagnon graduated the Construction Management program at Fanshawe College in 1980.

## Gilles Filion, M.Sc. A, B.Sc. PEng. PGeo. - Director

Mr. Filion is a well respected geologist with over 25 years of global experience in the mineral resource sector. Mr. Filion is a former Vice President of Exploration for Goldcorp Inc. He was an essential team member that was instrumental in the success of the world's richest gold mine, the Red Lake Mine. Mr. Filion holds a B.Sc. degree from Ecole Polytechnique in Montreal (1979).

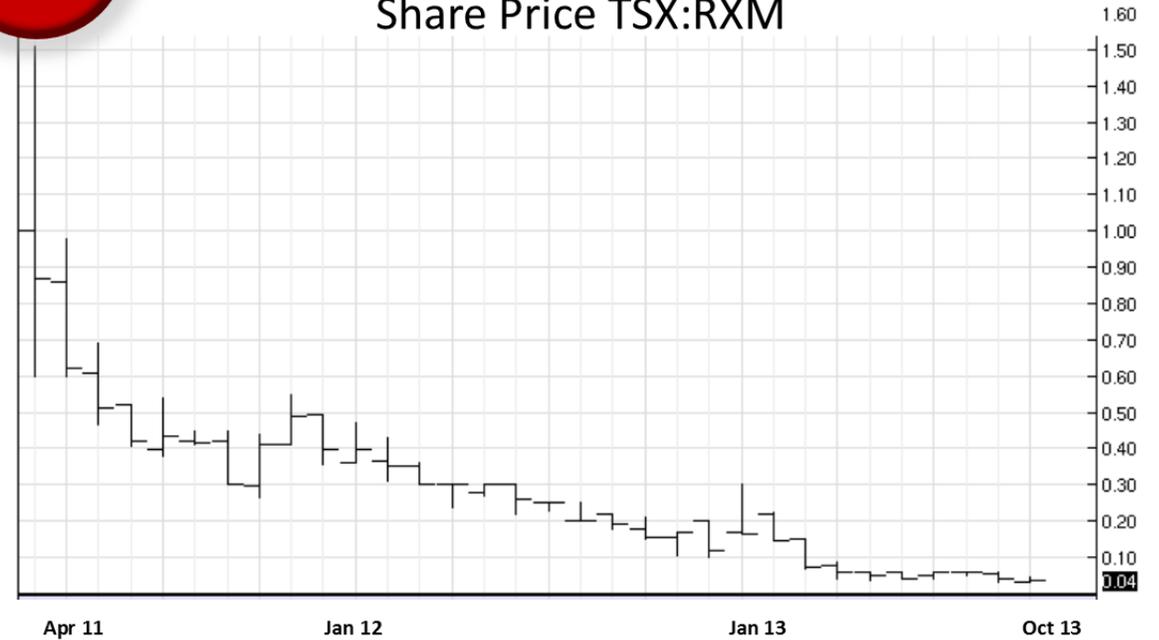
# CAPITAL SHARE STRUCTURE & STOCK PERFORMANCE

Shares Outstanding	104,802,290
Warrants	42,145,483
Options	4,760,000
Fully Diluted	151,707,773
Share price Year to Date high/low	\$.01 to \$.065

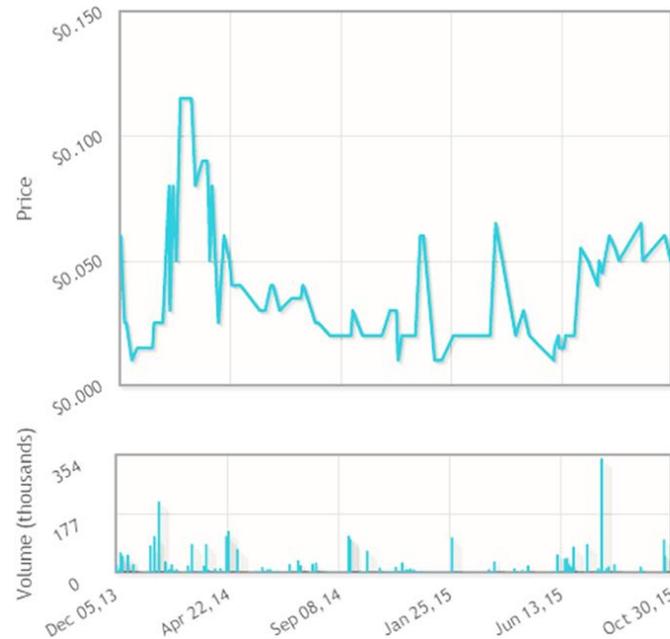
**\$1.51**  
2011-March-7

2011 to 2013

Share Price TSX:RXM



2013 to Oct 2015  
Share Price CSE:RXM



# PROJECT OVERVIEW

Rockex has three 100% owned Iron Ore properties in Northwestern Ontario, including its flagship Eagle Island deposit on its Lake St. Joseph property.

Eagle Island has a NI 43-101 compliant resource of 1.287 billion indicated tonnes and 103,000,000 inferred tonnes grading 29% iron, with additional historical tonnage.

The Eagle Island discovery is largest recorded undeveloped Iron Ore deposit in Ontario.

A positive Preliminary Economic Assessment on Eagle Island was completed in Q3 2013 by Met-Chem that defined Lake St. Joseph as a world class iron ore deposit. The PEA included a new resource, metallurgical test works, mining and processing plan, and recommended further investigation of Hot Briquetted Iron (HBI).

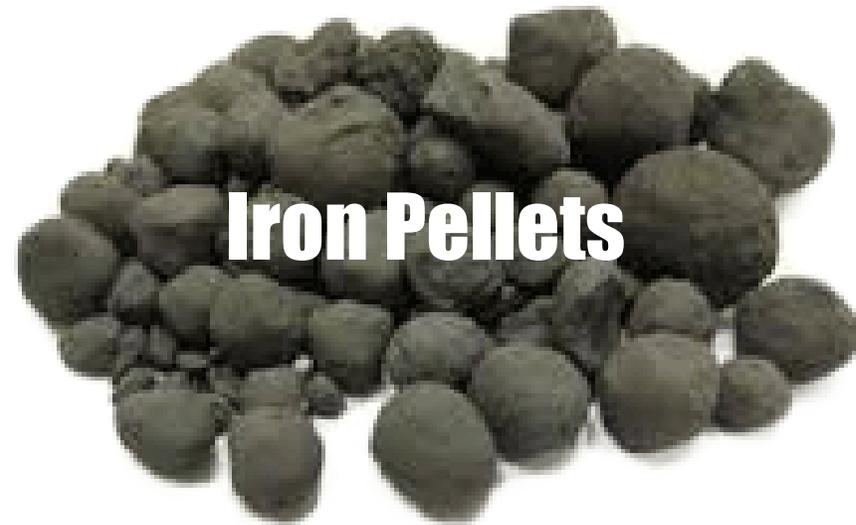
In 2015, Rockex initiated a study of HBI and announced on October 14, 2015 the completion of an Updated Preliminary Economic Assessment.

The quality and size of the Lake St. Joseph – Eagle Island ore body presents significant potential for Ontario to host the first HBI Plant in Canada.

# IRON ORE OVERVIEW

Once Iron Ore is extracted from the ground and processed, it must be shipped in a marketable form to off takers.

Most commonly in North America, this done in the form of Fines or Pellets.



# HOT BRIQUETTED IRON "HBI"

Rockex is positioning to become the first HBI Producer in Canada

Currently there are no producing HBI Plants in North America

**UNPRECEDENTED  
OPPORTUNITY FOR  
CANADA**

Premium Product = Premium Price\$



**HBI**

Chorpus Christi Texas -  
First HBI Plant Under  
Construction in North  
America

# WHY IS HBI SUPERIOR?



# WHY IS HBI GAINING POPULARITY WITH STEEL PRODUCERS?



- Collected from diverse sources
- Limited collection season
- Waste product (inclusions)
- Dissimilar, diverse chemistry

- Manufactured from natural iron ore
- Year-round production
- Original product
- Known, consistent chemistry



# Why Is Rockex' Lake St. Joseph – Eagle Island Project a Strong Candidate for HBI?



It begins with a quality ore deposit having metallurgical characteristics compatible with the requirements for producing HBI.

**Access to Multiple Markets**



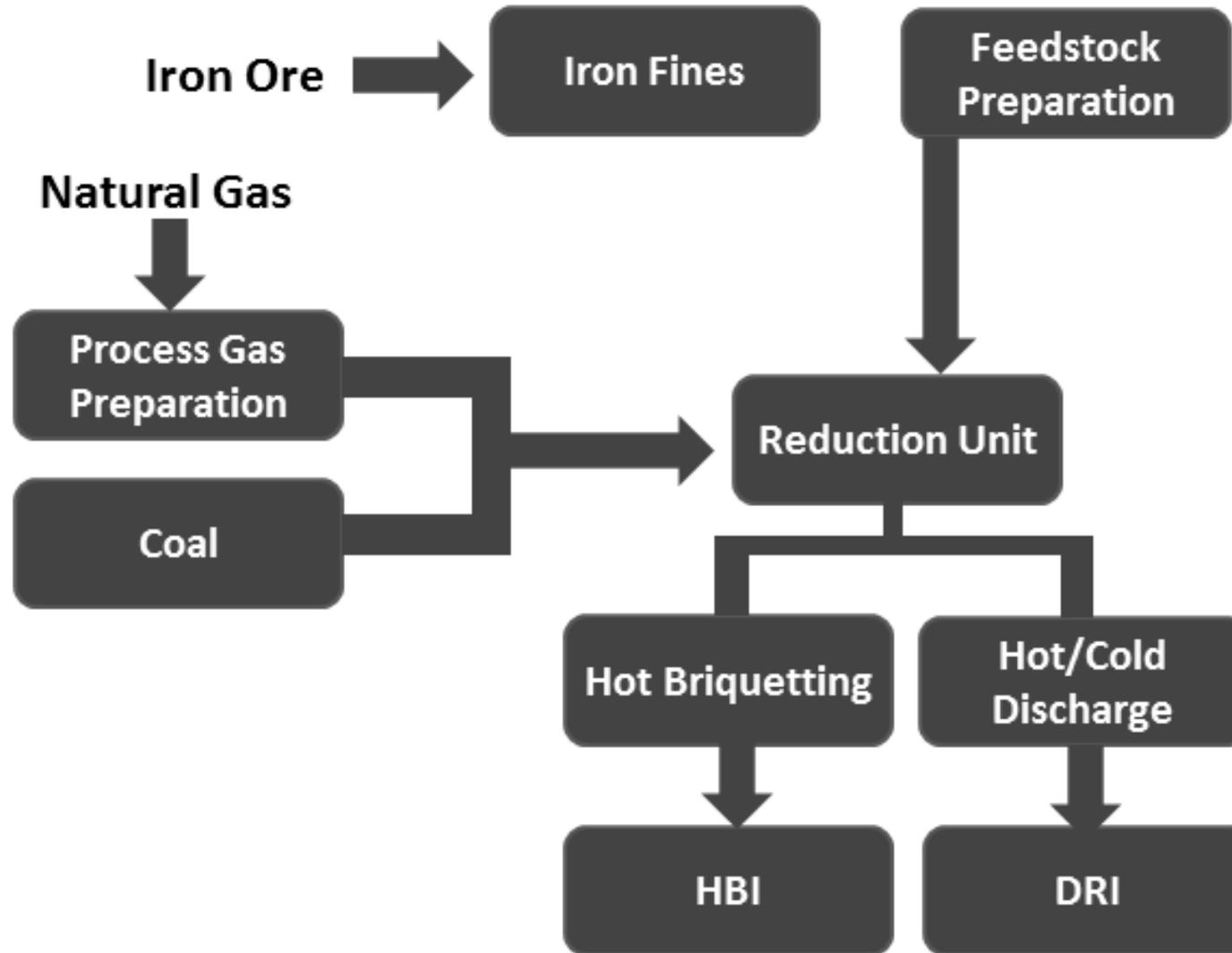
**Access to an abundance of low cost energy**



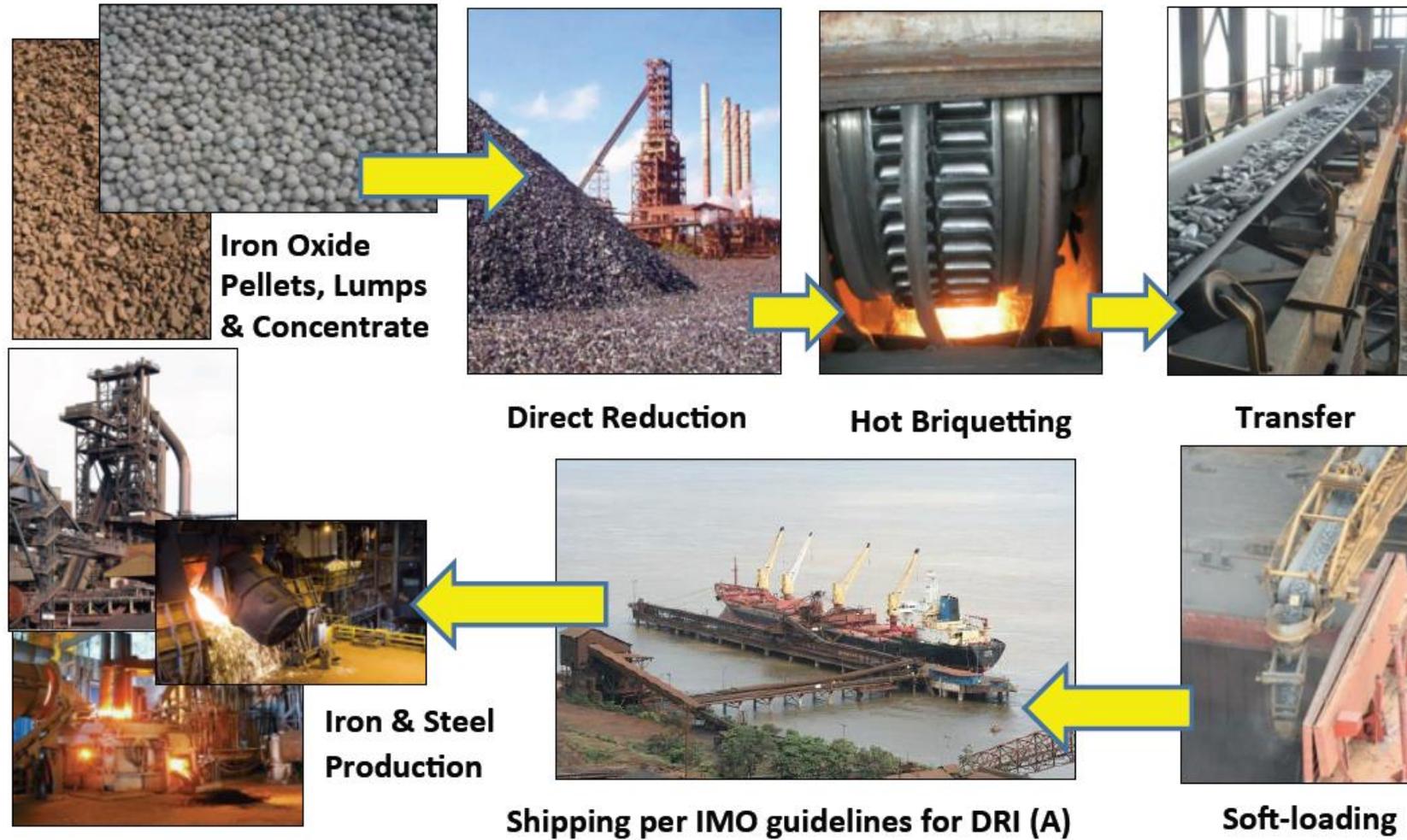
**Centrally Located Geographically**



# HBI PROCESS FLOW CHART



# HBI LIFE CYCLE



# BRIQUETTE MACHINE

**Bucket Elevator**



**Briquette Machine**



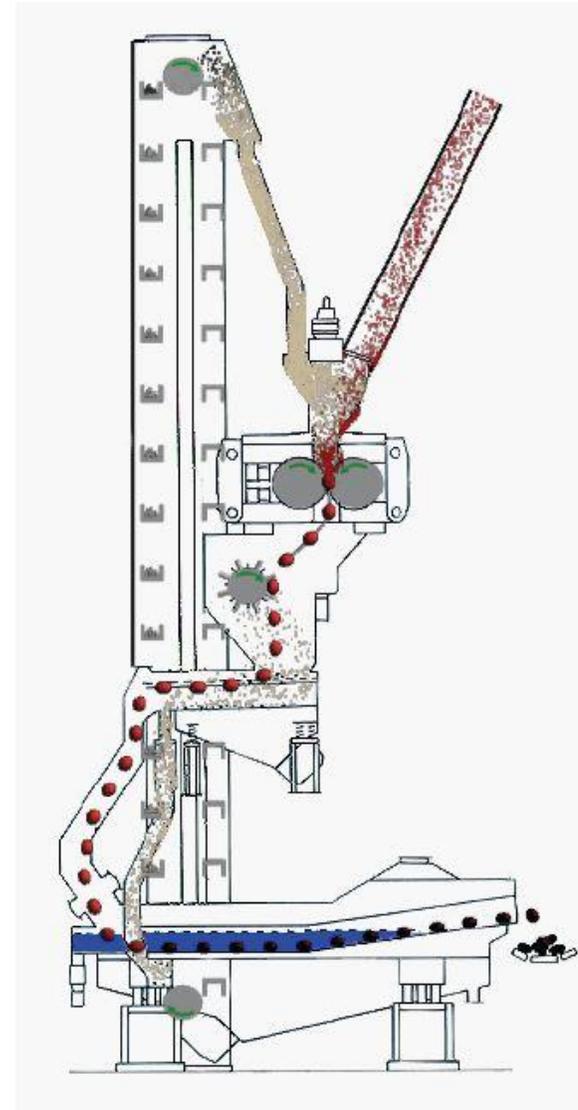
**String Separator**



**Screen**

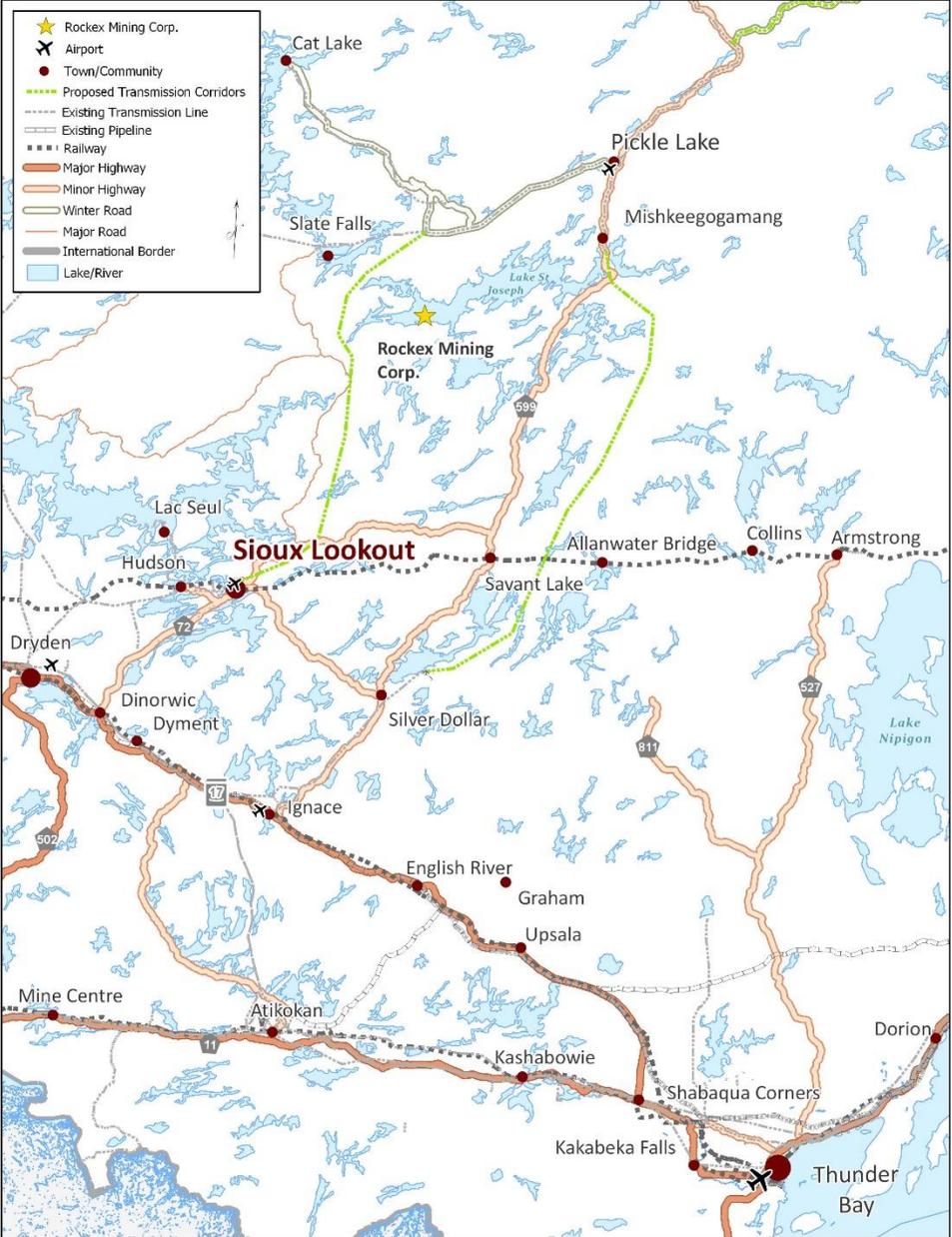


**Cooling Conveyor**

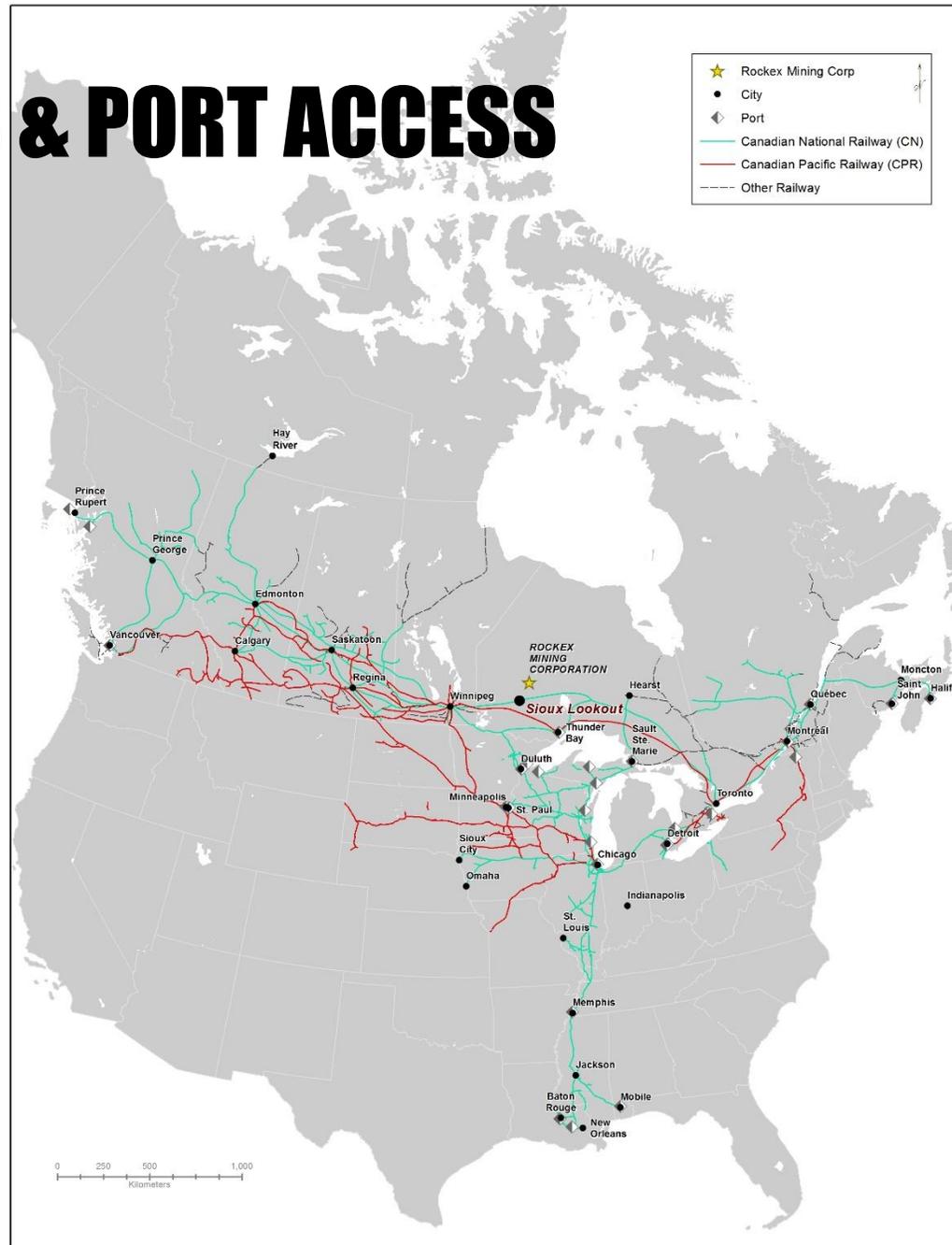


**ROCKEX MINING CORPORATION**

# PROJECT LOCATION



# RAIL NETWORKS & PORT ACCESS

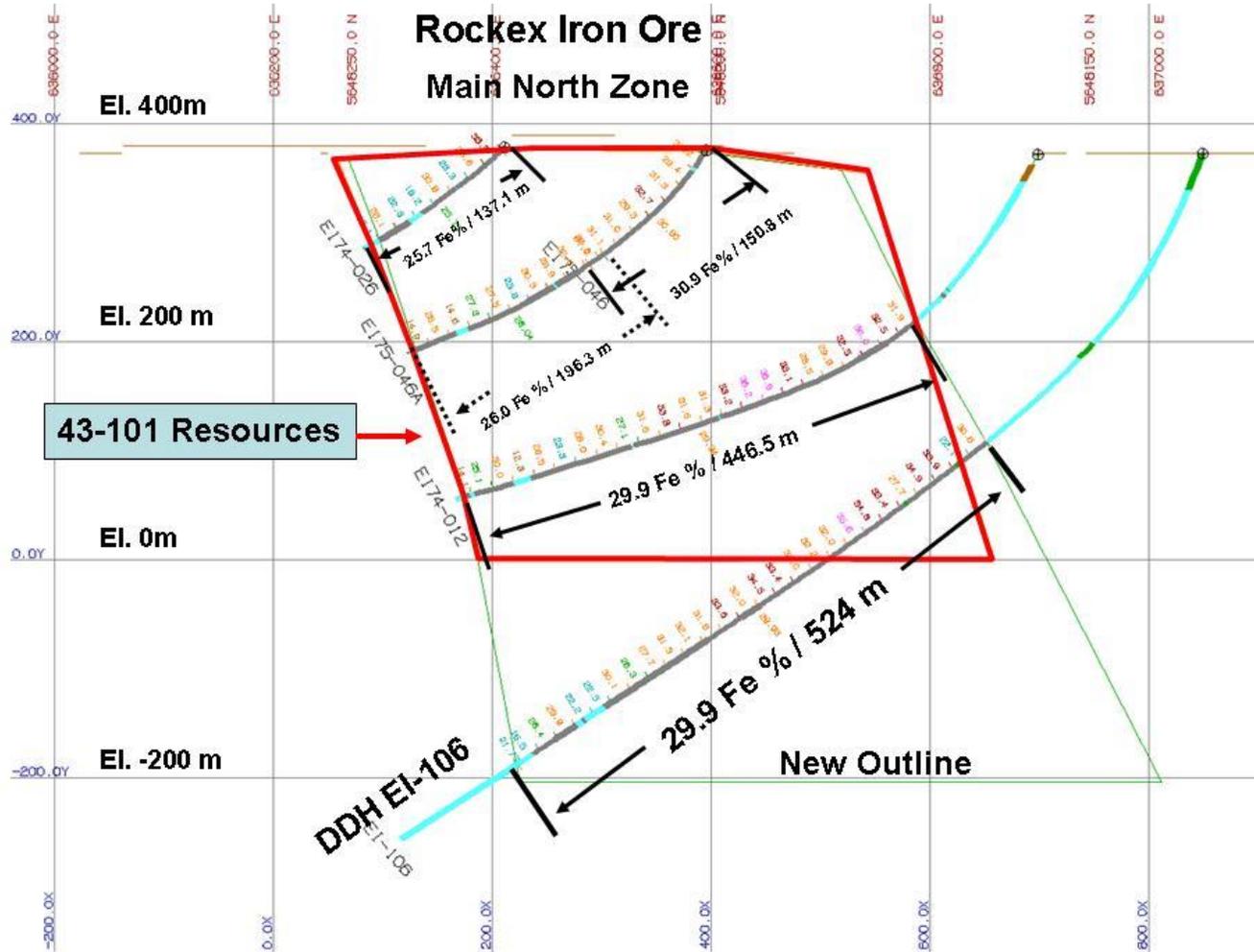


# PROJECT LOCATION & FUTURE OPERATIONS



- The Eagle Island project is approx. 2,592 hectares and includes 13 contiguous claims.
- The drive from Sioux Lookout to Eagle Island project takes approx. 2.5 hours.
- The Project is located 100 km NE of Sioux Lookout, and is currently accessed via a logging road, (Vermilion River Rd.) that exits Highway 516, about 30 km northeast of Sioux Lookout.
- The concentrator plant will be located next to the mining facilities, South of Lake St-Joseph.
- The pellitizing and briquetting plants will be located near Sioux Lookout.

# 43-101 RESOURCES – EAGLE ISLAND



- Significant 43-101 complaint tonnage is hosted in an folded iron formation with the potential for a large Open Pit Mining Operation.
- The Eagle Island Resource is:
  - Over 2.0 km long
  - 900 m wide at surface
  - 400 m pit depth
  - Deposit remains open at depth
- Significant potential to expand resource as substantial iron mineralization outside of 43-101 resource zone

Note: Only 7.7% of the total resources are in the Inferred category for the property and only 1.4% of the Mineral Resources contained within the pit are in the Inferred category.

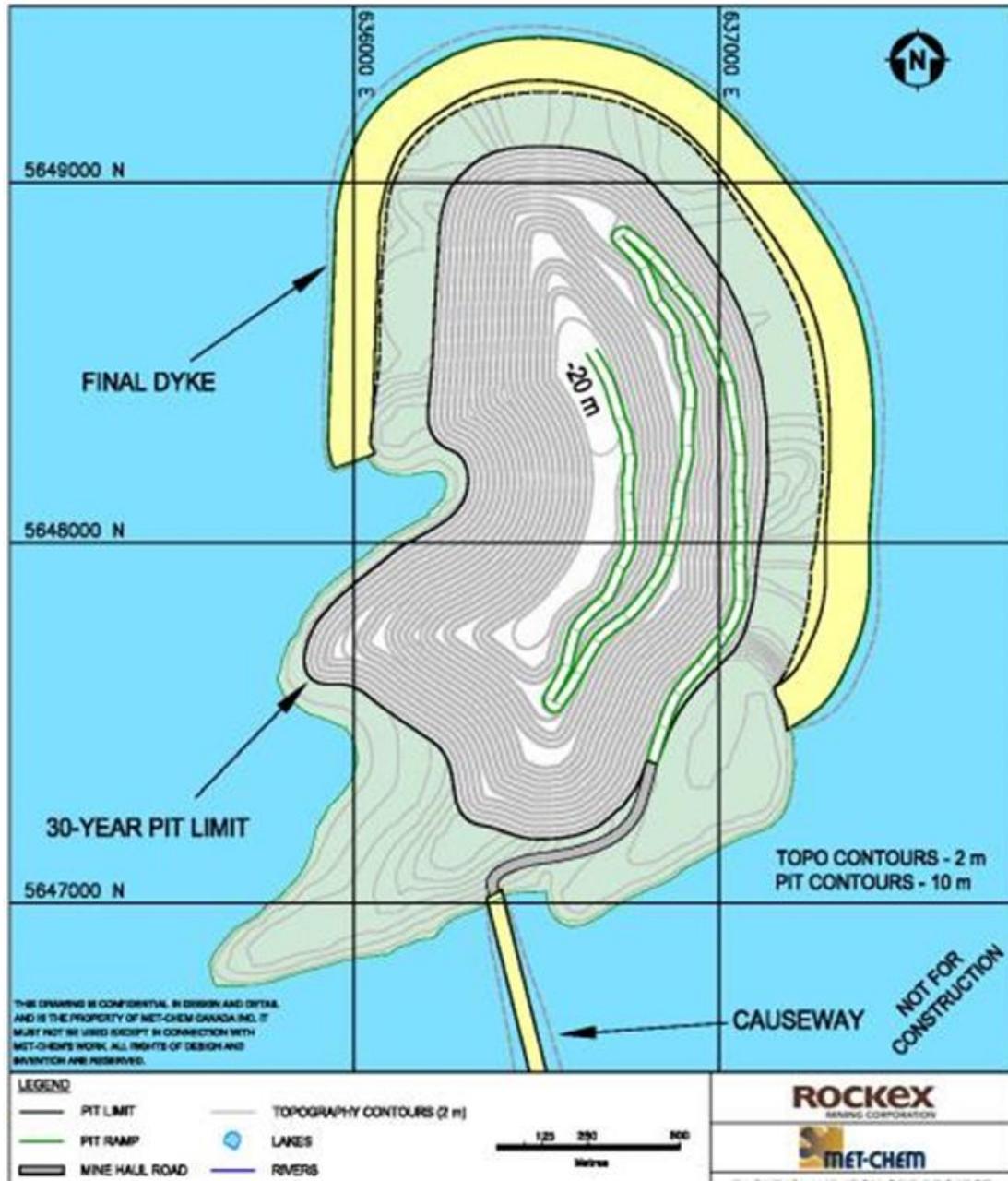
# DISCLAIMER

The updated Resource Estimate doubles Eagle Island's Indicated Mineral Resource.

## Rockex Lake St. Joseph Property, Eagle Island Deposit– Summary of the Mineral Resources (Cut-Off of 10% Fe)

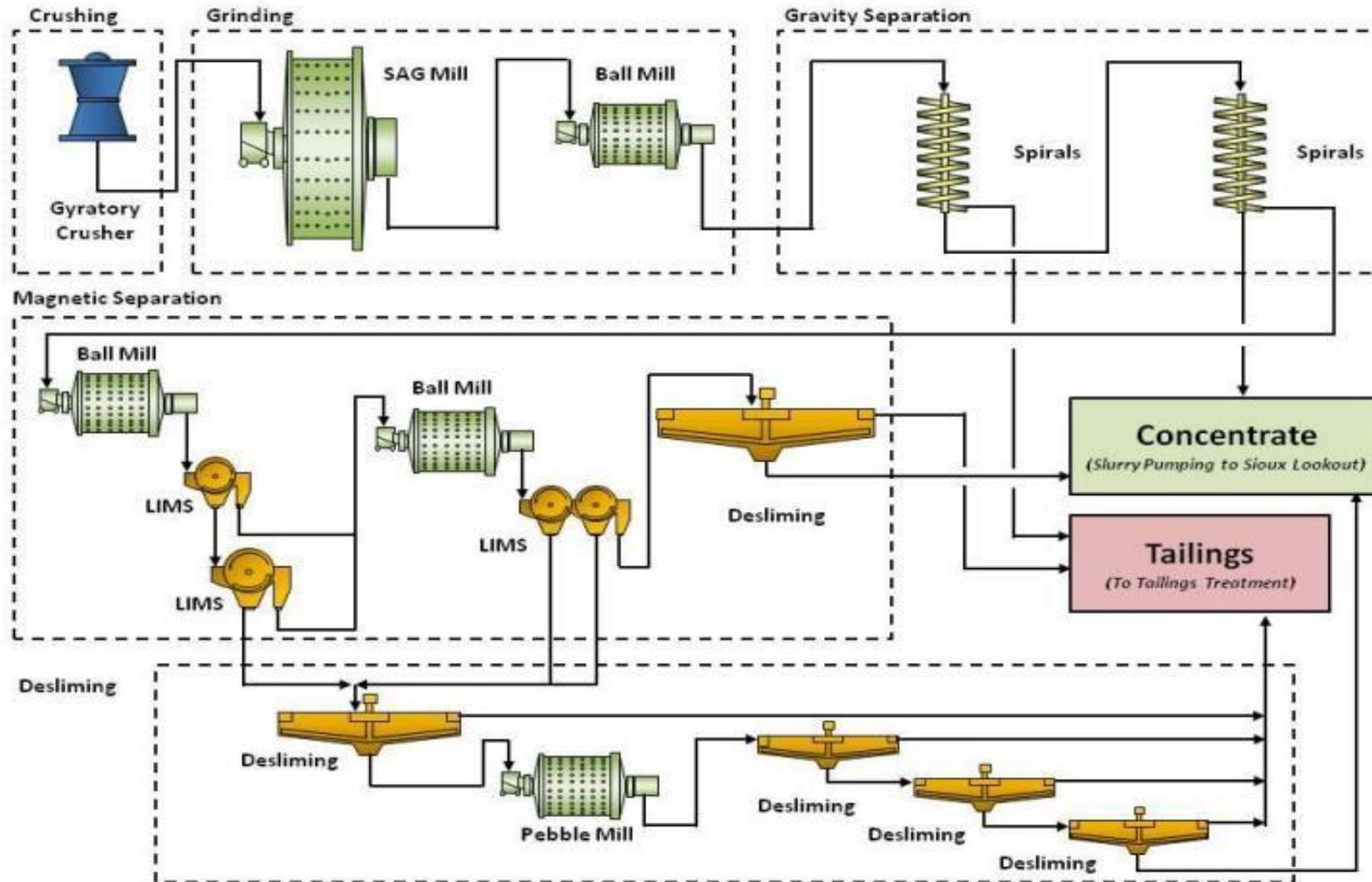
Category	Tonnage (Mt)	Fe (%)
Indicated	1,287	28.39
Inferred	108	31.03

# MINING - OPEN PIT



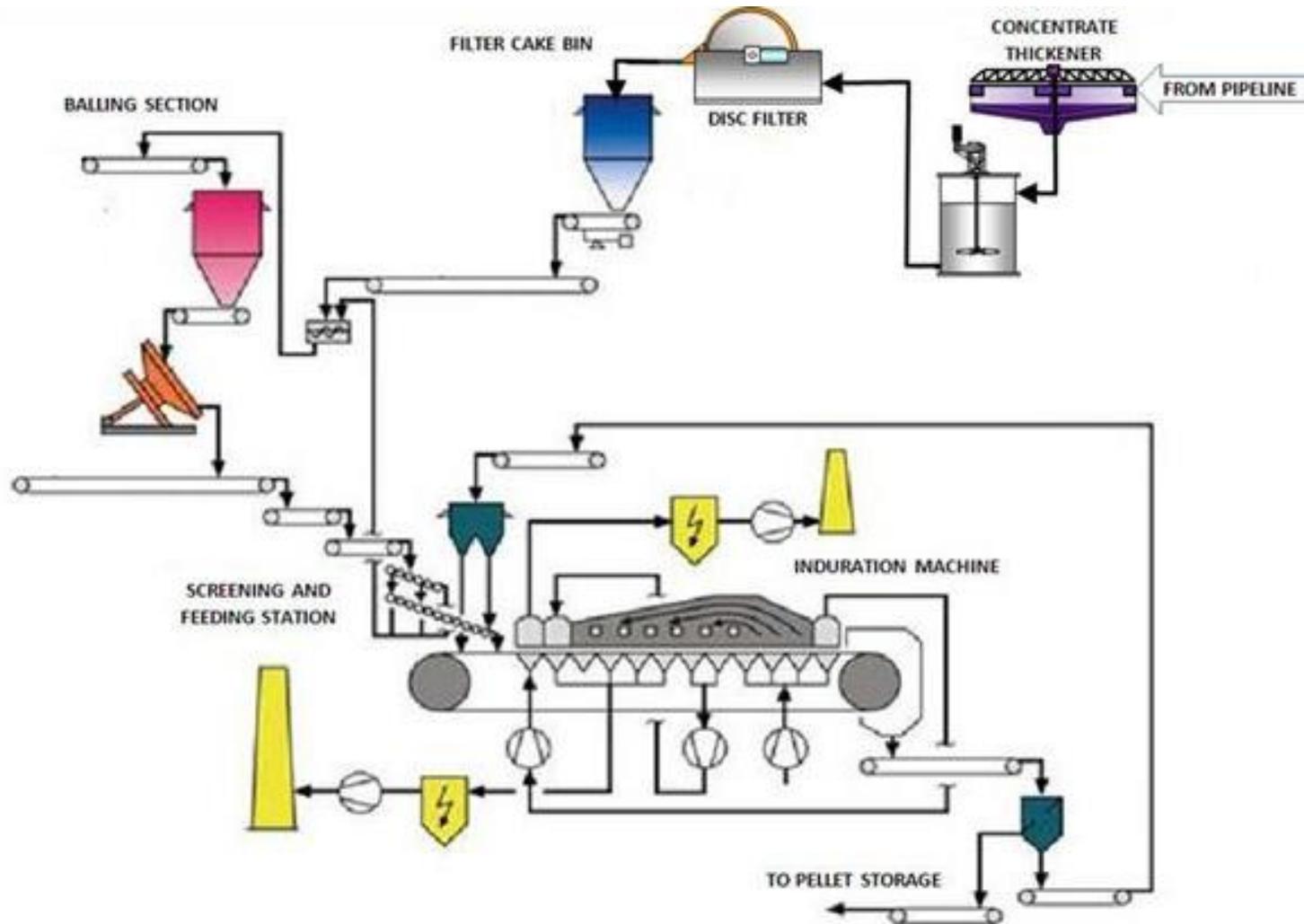
- Mine Life 30 years
- Design pit included 512 million tonnes.
- Average grade of 28.9% Fe
- Stripping ratio 0.51 : 1

# CONCENTRATOR SOUTH OF EAGLE ISLAND



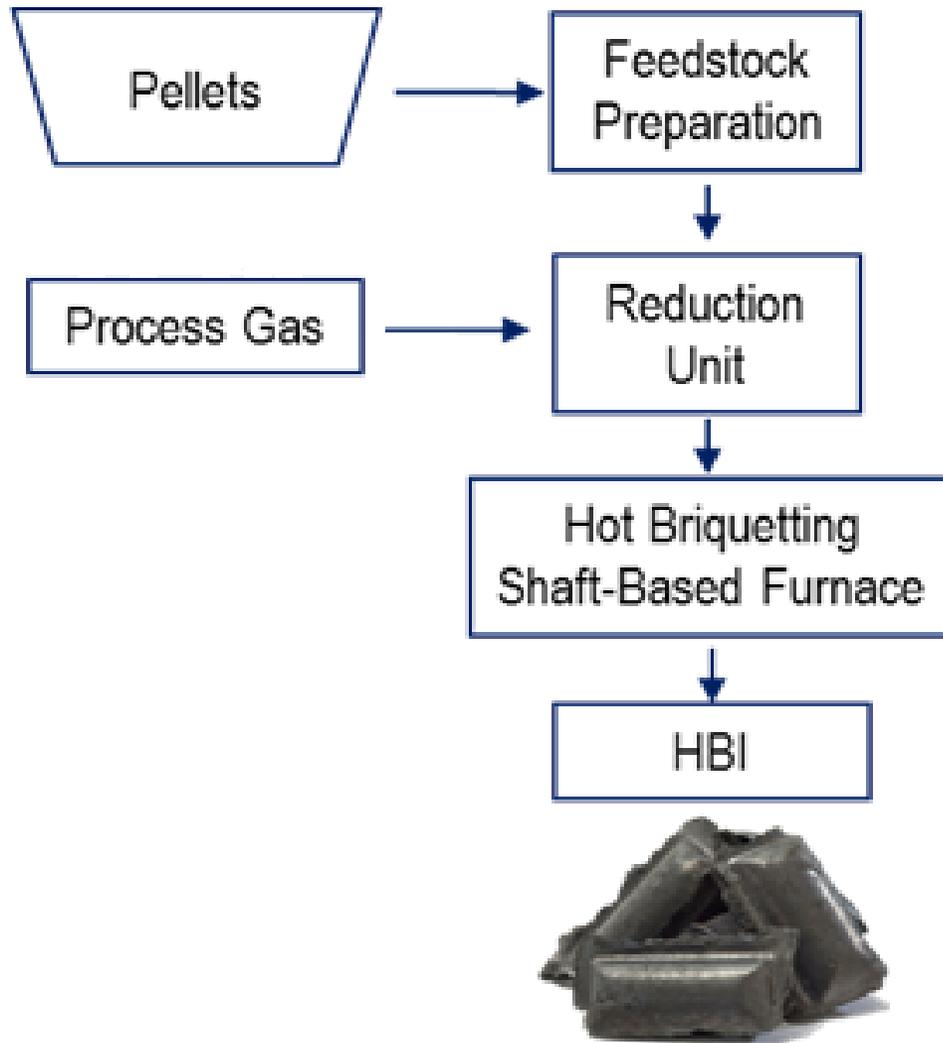
- Mine feed of 17.3 millions tonnes per year at a average grade of 28.9%
- Mill recovery of 80 %
- Production of 6 millions of concentrate per year at a grade of 66.3% Fe
- Concentrate slurry piped to Sioux Lookout

# PELLET PLANT AT SIOUX LOOKOUT



- Slurry from the pipeline
- Slurry de-water and combined with bentonite/limestone
- Mixed material then hardened by heating using natural gas

# HBI PLANT AT SIOUX LOOKOUT



- Capacity of production of 4.3 million tonnes of briquettes
- Briquettes to contain 90-94% total iron (Fe)
- Access to abundant source of natural gas next to the TransCanada Natural Gas Pipeline
- Next to railway to access Great Lakes, or West Coast for shipping to North American or International markets

# 2015 PRELIMINARY ECONOMIC ASSESSMENT

- \$ 9.4 Billion Net Present Value with a 6% discount rate
- \$6.6 Billion Net Present Value with an 8% discount rate
- 22.5% Internal Rate of Return (pre-tax)
- 3.7 year pay back
- Initial Investment of \$3.772 billion (not including sustaining capital)

<b>Financial Indicator</b>	<b>Pre-Tax</b>	<b>After-Tax</b>
Payback Period (years)	3.7	4.1
Net Present Value @ 8% (\$ B)	6.58	4.67
Internal Rate of Return (%)	22.5	19.5

# LIFE OF MINE AVERAGE OPERATING COST ESTIMATE

Area	Average Operating Cost (\$/Tonne of HBI)
Mining	17.88
Concentrator Plant	25.29
Rails	0.28
Pelletizing	19.13
Briquetting	66.44
General & Administrative and Site Services	6.33
<b>Total Operating Costs</b>	<b>\$135.35</b>

Life of Mine Production:

4.3 million tonnes per year of HBI at a grade of 94% metallization for 30 years.

# DIRECT EMPLOYMENT OPPORTUNITIES

The study has identified Sioux Lookout as the hub for the project by virtue of the existing infrastructure, transportation rail networks and available workforce.

**Total Personnel Requirements by Area**

<b>Area</b>	<b>Number</b>
Mine	180
Concentrator Plant	114
Rails	6
Pelletizing Sioux Lookout	127
Briquetting Sioux Lookout	200
G&A and Site Services	89
<b>Total Manpower</b>	<b>716</b>

# ROCKEX'S HBI ADVANTAGE

- Large, quality deposit – compatible with HBI technology.
- Rockex has access to the port in Thunder Bay which provides logistical access to the North American Great Basin and its steel producers.
- Geographically positioned in proximity to natural gas, rail networks, transmission and all season road access.
- The market crisis resulting from the renationalisation in Venezuela, presents a material opportunity for Rockex to capitalize on the South American market.
- No HBI competition in Canada – Rockex is positioning to be the first Producer.
- Demand from scrap metal is expected to grow from 339M tonnes in 2011 to 480M tonnes by 2020.
- HBI is compatible with Arc Furnace (EAF), Basic Oxygen Furnace (BOF) steelmaking, and Blast Furnace (BF) ironmaking.

# STRATEGIC RELATIONSHIPS

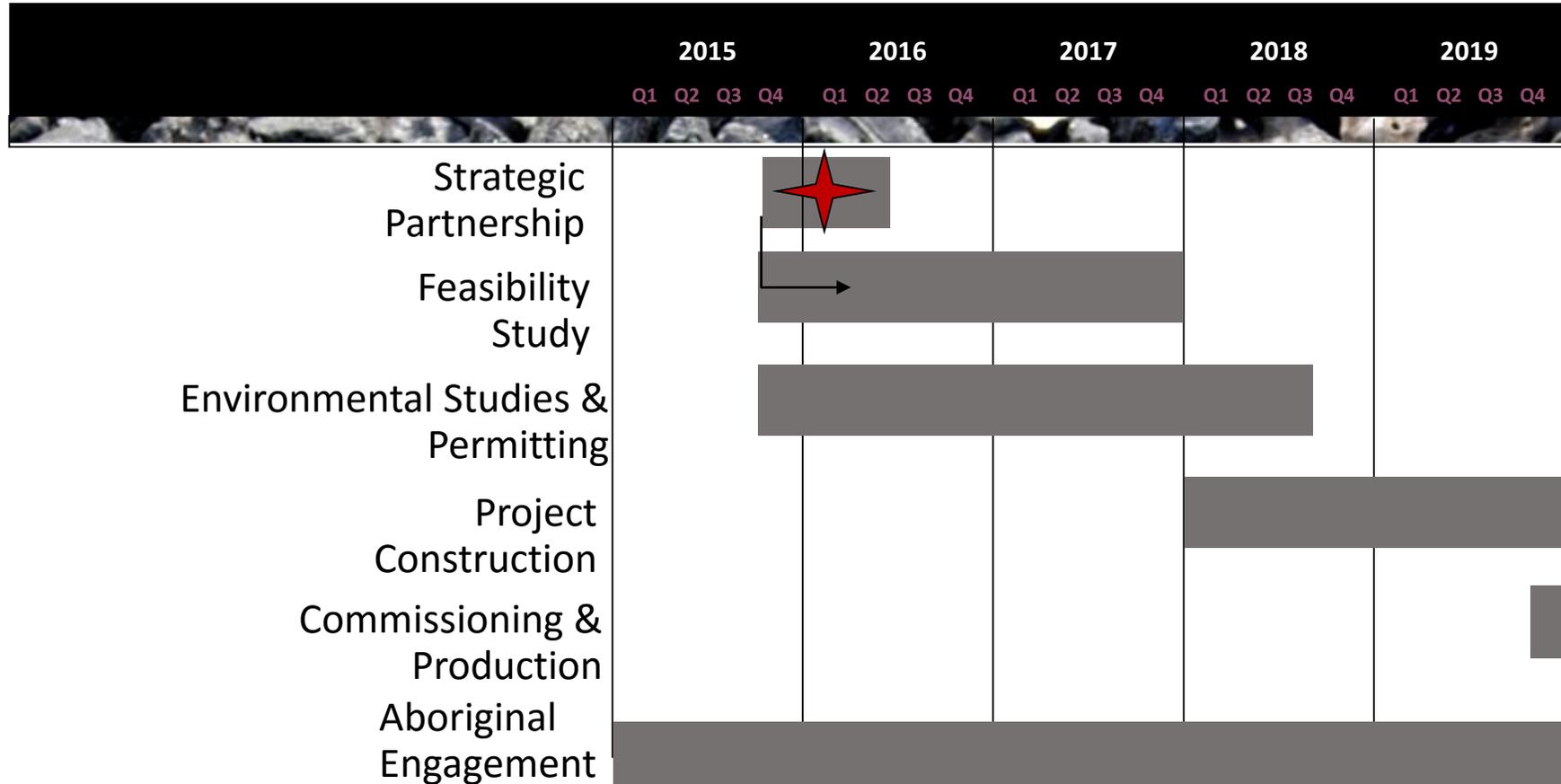


June 29<sup>th</sup>, 2015

Rockex recently entered into a Co-operation Agreement with Danieli & C., a large multi-national engineering and technology firm with expertise in the design and construction of HBI plants.

Rockex' management team, in collaboration with Danieli & C., will continue to market and promote the project to potential strategic partners, financiers and final product off-takers that can support Rockex' plans for the preparation of a bankable feasibility study.

# Next Steps



Management believes ongoing test work and feasibility trade-off studies will further improve the overall capital and operating costs of the project.

*Re-defining Canada's Iron Ore Industry.*



# CONTACT INFORMATION

## Armando Plastino, President & CEO

Corporate Office:

Thunder Bay Office  
580 New Vickers St  
Thunder Bay, Ontario  
Canada  
P7E 6P1

Phone: +1 807 623 0661

Fax: +1 807 623 4221

Email: [info@rockexmining.com](mailto:info@rockexmining.com)

[www.rockexmining.com](http://www.rockexmining.com)

