



LABRADOR IRON MINES

Corporate Presentation



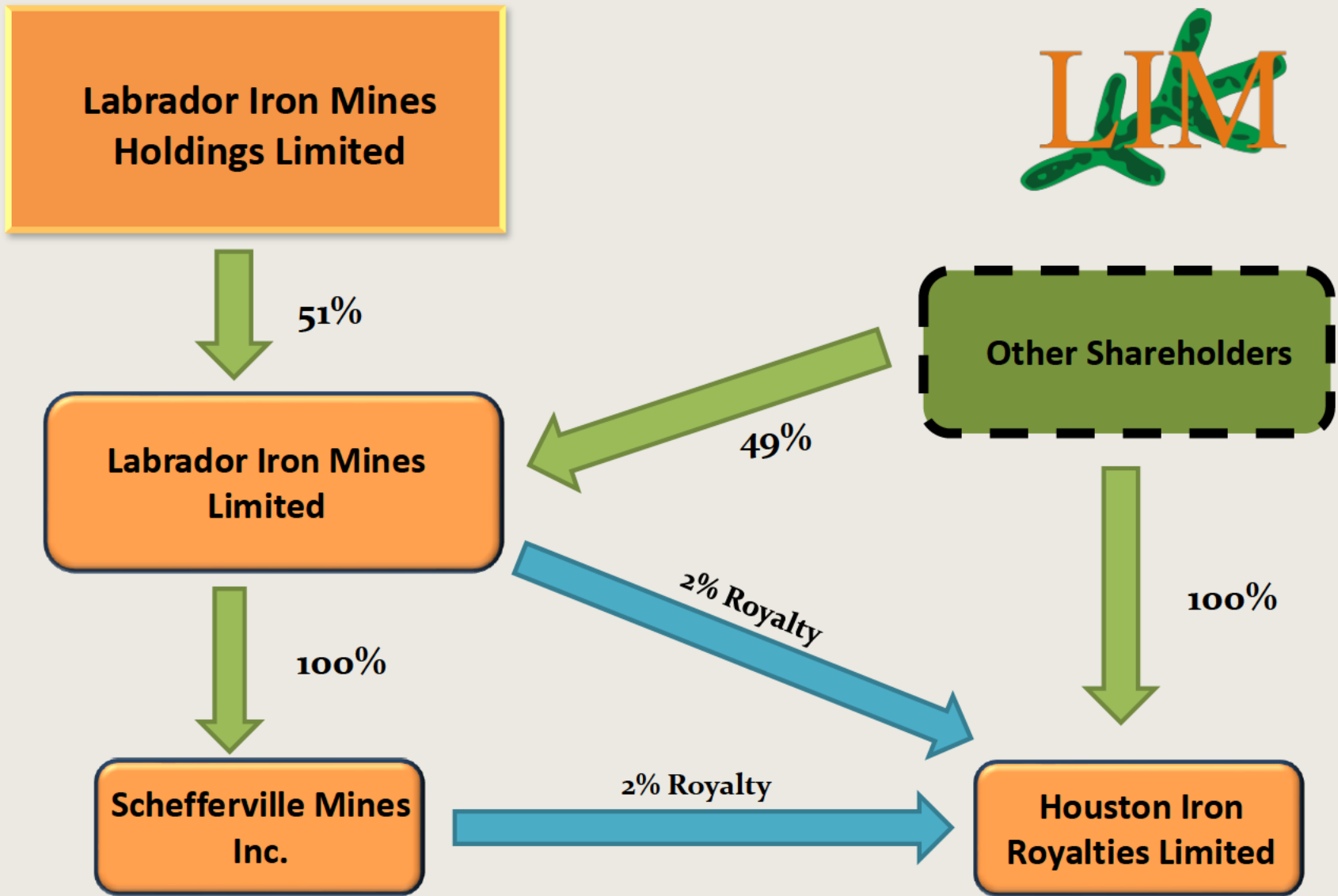
Forward Looking Information

Labrador Iron Mines Holdings Limited (“LIMH”, “LIM” or the “Company”) has prepared this presentation for information purposes only. The information contained herein was prepared by management on a best efforts basis and is believed to be accurate. It contains forward-looking statements about the Company's plans for the mining, development and exploration of its properties.

Forward-looking information may include reserve and resource estimates, estimates of future production, unit costs, costs of capital projects and timing of commencement of operations, and is based on current expectations that involve a number of business risks and uncertainties. Factors that could cause actual results to differ materially from any forward-looking statement include, but are not limited to, failure to establish estimated resources and reserves the grade and recovery of ore which is mined varying from estimates, capital and operating costs varying significantly from estimates, delays in obtaining or failures to obtain required governmental, environmental or other project approvals, delays in the development of projects, changes in exchange rates, fluctuations in commodity prices, inflation and other factors.

Forward-looking statements are subject to risks, uncertainties and other factors that could cause actual results to differ materially from expected results. There can be no assurance that the Company will be successful in any agreement with any First Nations groups who may assert aboriginal rights or may have a claim which affects the Company's properties or may be impacted by the Schefferville Projects.

Shareholders and prospective investors should be aware that these statements are subject to known and unknown risks uncertainties and other factors that could cause actual results to differ materially from those suggested by the forward-looking statements. Shareholders are cautioned not to place undue reliance on forward-looking information. By its nature, forward-looking information involves numerous assumptions, inherent risks and uncertainties, both general and specific, that contribute to the possibility that the predictions, forecasts, projections and various future events will not occur. The Company undertakes no obligation to update publicly or otherwise revise any forward-looking information whether as a result of new information, future events or other such factors which affect this information, except as required by law.





Labrador Iron Mines

LIM's
Advantage
and
Expertise
in the
Labrador
Trough



An Experienced First Mover



1st Iron Ore Producer in the Schefferville / Menihek Area in **30 years**

LIM's Iron Ore Projects
Schefferville/Menihek Region, Labrador Trough

LIM's Advantages



The Labrador Trough: Canada's iron ore producing region

Three Years Operating Experience (2011 – 2013)

Projects close to extensive & existing infrastructure

Superior leverage to iron ore spot price recovery

LIM's Current Portfolio of Iron Deposits

Houston & Malcolm

DSO Deposits

40.6 mt 57% Fe

Total Resource¹

108.4 mt 62% Fe

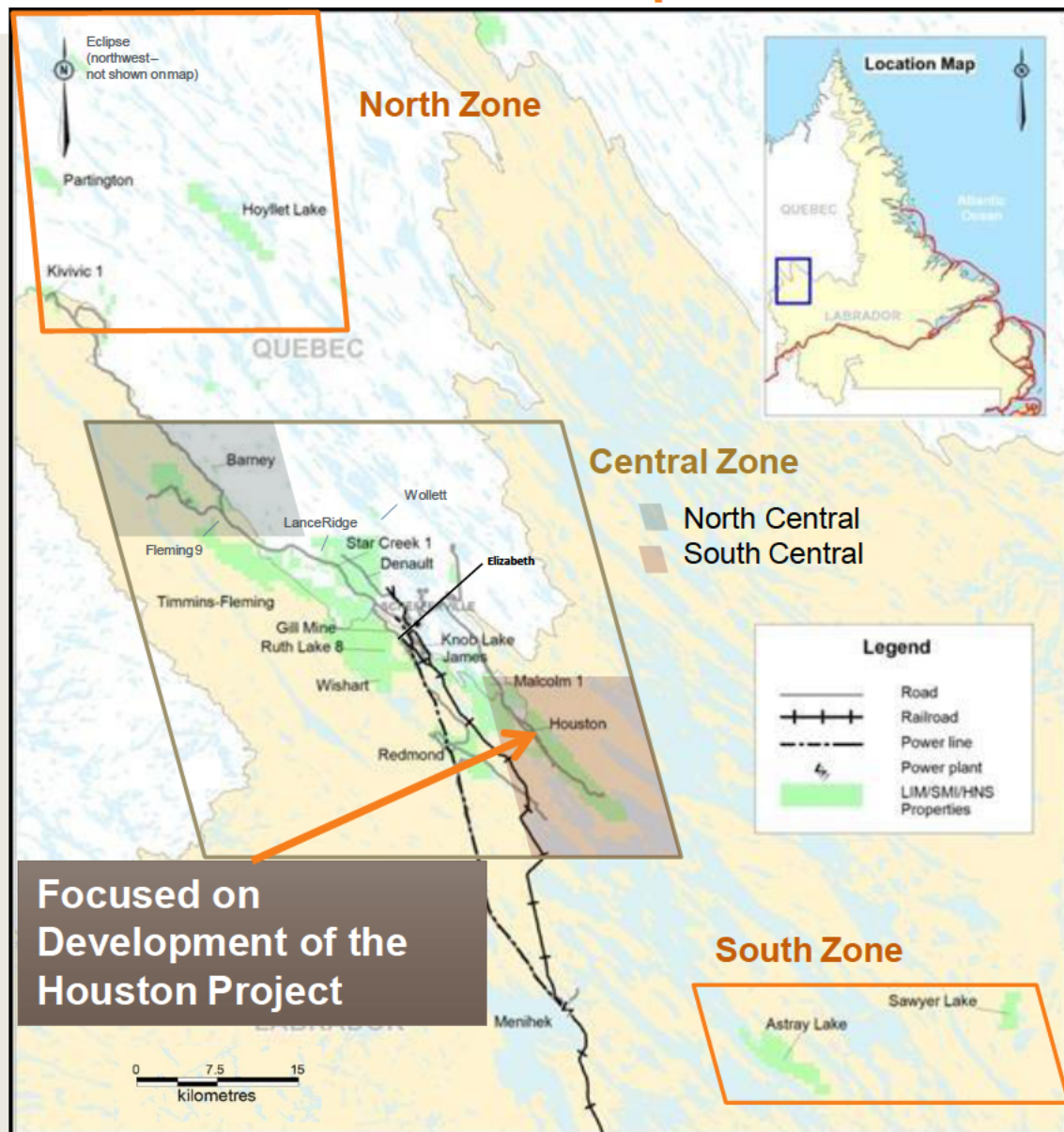
Historic Resource²

Elizabeth

Taconite Deposit

620 mt 32% Fe

Initial Elizabeth Taconite Resource³



¹ Resource as at March 31, 2013, supported by NI-43-101 Report.

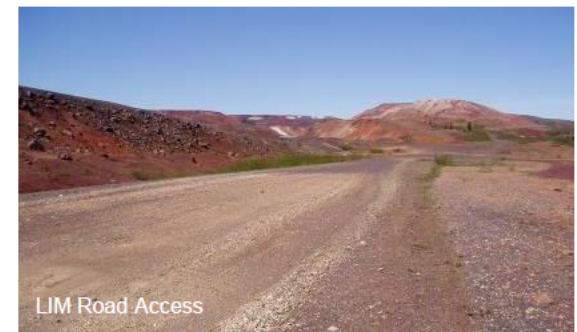
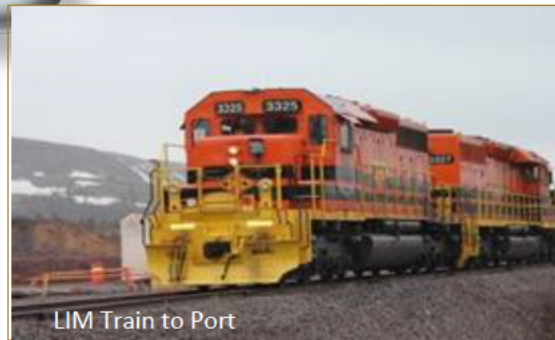
² Historical resources identified by IOC prior to 1983 not supported by NI 43-101 Report. Tonnage in dry tonnes

³ Resource as at June 15, 2013, supported by NI-43-101 Report

Access to Extensive Existing Infrastructure



- Direct rail link to port
- Local town with airstrip
- Access roads



LIM's Complete Mine-to-Market Solution

Mining

- Houston + surrounding deposits
- Elizabeth Taconite Project
- Sinter and lump products



Rail

- TSH, QNS&L: LIM spur line
- Railcar maintenance facility



Port and Sales

- New 50 million tonne Berth at the Port at Sept-Iles
- Ore handling facilities with access to cape-size vessels



LIM's Mining Operations



James Mine: Three Successful Operating Seasons

(2011-2013)

~4.6 million tonnes of ore mined

~8.2 million tonnes of waste rock removed

LLM's Processing Operations



LIM's Rail Operations



Silver Yards Rail Loading Area

Rail Siding for Loading

Capacity for up to 164-car train sets

Large Area for Iron Ore Stockpile Storage

Labrador Iron Mines




Rail Operations (2011-2013)

GWRR
(Genesee & Wyoming)

leases locomotives and operates LIM's **6 km** spur line

TSH Railway
(Tshuetin Rail Transportation Inc.)

to Emeril Junction in Labrador: **~200 km**

QNS&L 
(Quebec North Shore & Labrador Railway)

to Port of Sept-Îles: **~360 km**

Three Operating Seasons (2011 – 2013)

Transported by Rail to Port of Sept-Îles
300 trains **3.9 million tonnes**



LIIM's Long-Term Port Access



Port of Sept-Iles, Multi-User Wharf
Completed: August 2015
Total Capacity: 50,000,000 tonnes per year



Overhead View

LIM's Shipping Advantage

Strategic Location Enables Multiple Avenues



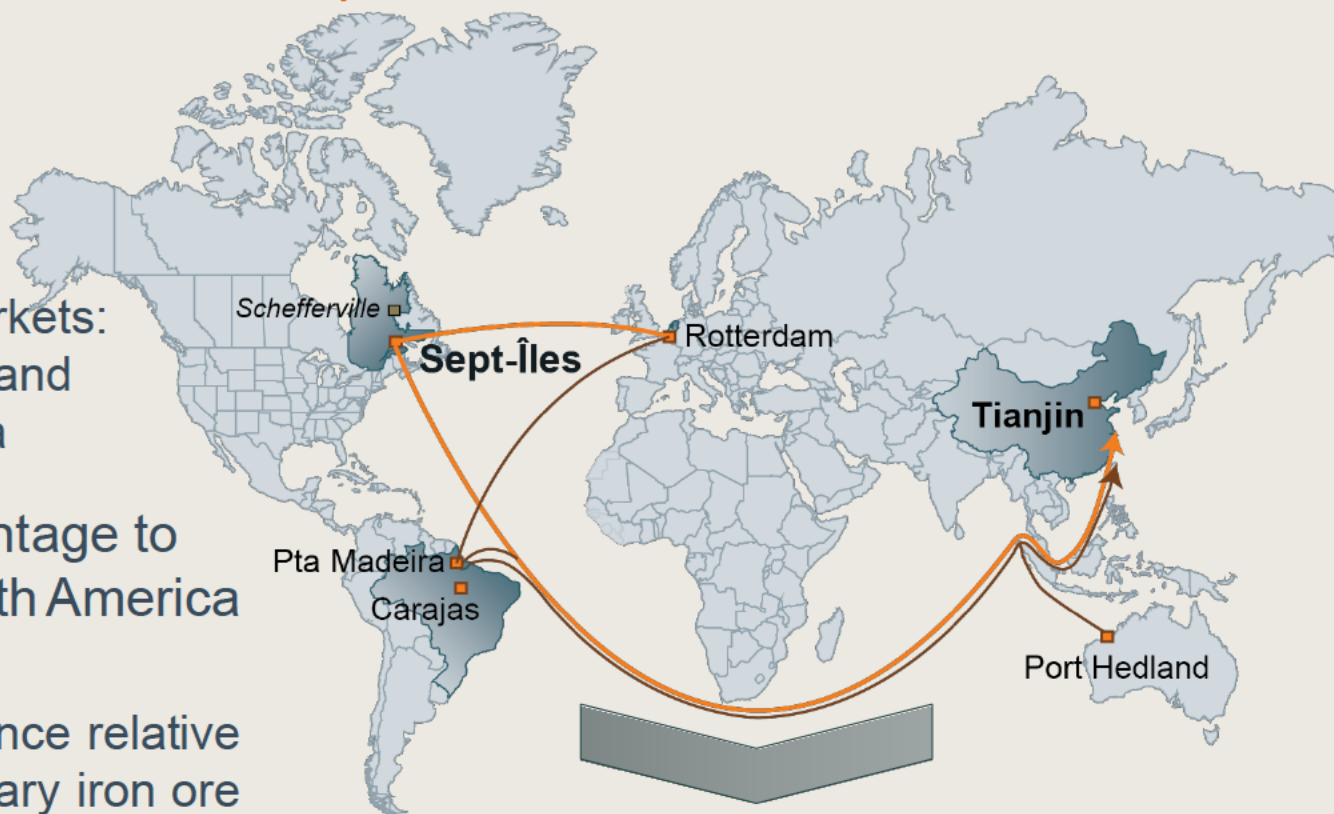
Deep sea port
on Atlantic
seaboard

» Access to markets:
Europe, Asia and
North America



Shipping advantage to
markets in North America
and Europe

» Shorter distance relative
to other primary iron ore
regions



Western Europe (Rotterdam)	5,000 km
Eastern Europe (Constantza)	6,100 km
China (Tianjin)	22,000 km

LIM's Shipping Operations



- Year 1: Frontier Mirage carrying 173,000 wmt of LIM iron ore

LIM's Shipping Operations



- Year 2: First Eagle carrying ~176,000 wmt of LIM iron ore

LIM's Shipping Operations



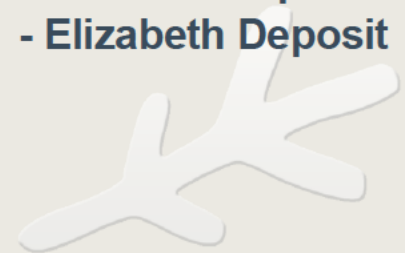
- Year 3: SamJohn Dream carrying 186,500 wmt of LIM iron ore



Labrador Iron Mines

LIM's Operations & Projects

- Houston Deposit
- Elizabeth Deposit



Houston Deposit



Houston: Projected Eight to Ten Year Mine-Life

Total resource
40.5 mt 57.6% Fe¹



Houston

31.3 mt M+I @ 57.5% Fe
+ 3.2 mt Inf @ 56.9% Fe

Malcolm (NW extension)

9.2 mt M+I @ 57.8% Fe
+ 0.5 mt Inf @ 56.4% Fe

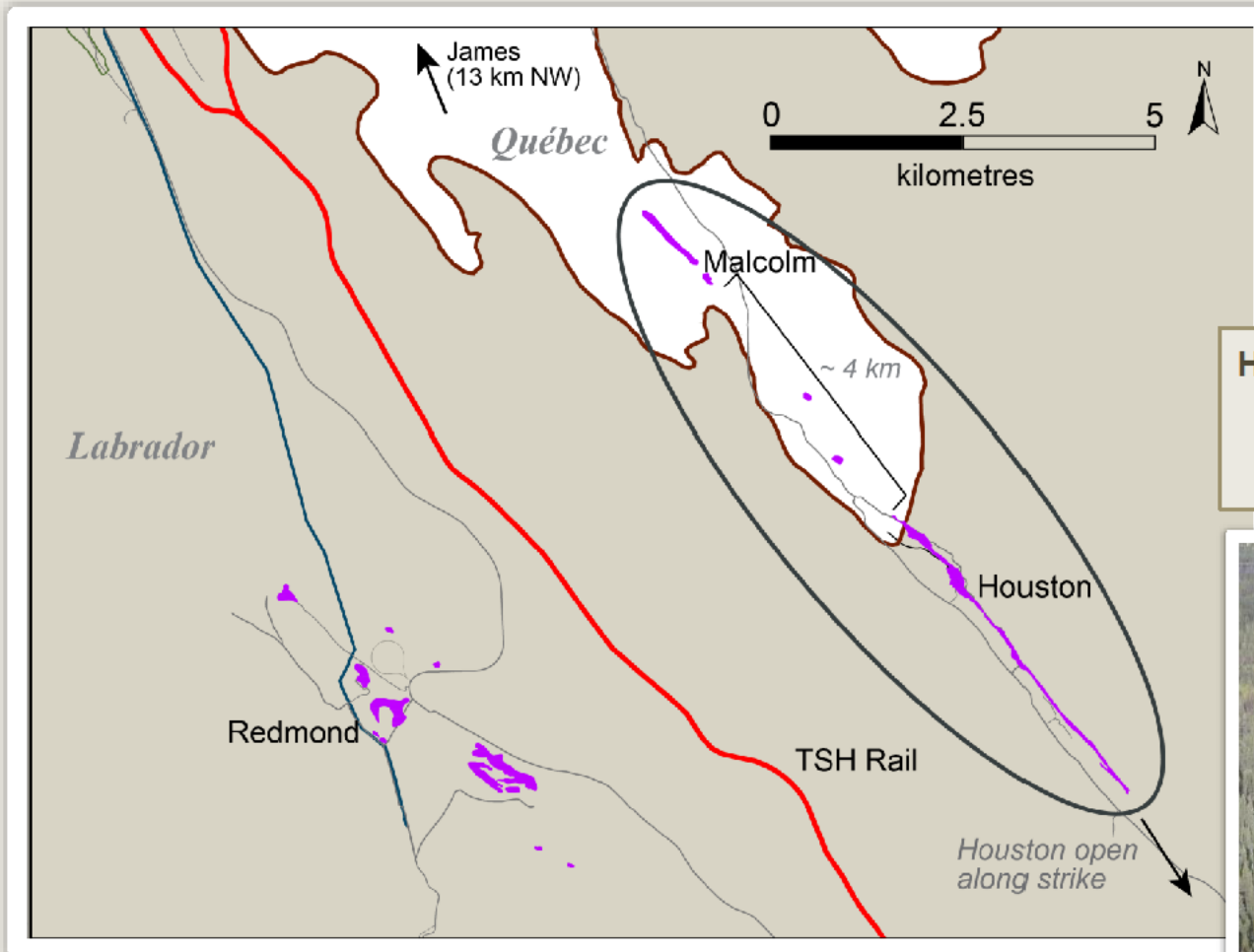
Upside Potential: Houston and Malcolm deposits remain open along strike



Aerial view – Houston Deposit.

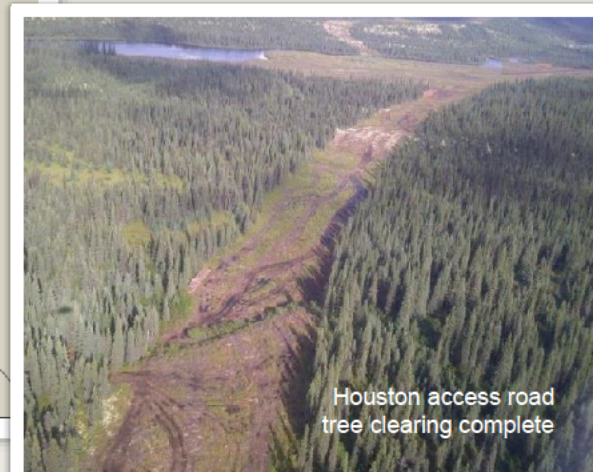
¹ Resource as at March 31, 2013, supported by NI 43-101 Report; See Technical Report filed on SEDAR.

Houston Deposit



Houston + Malcolm

- ~15 km SE of James mine
- Consistent high quality iron ore product expected



Houston Deposit

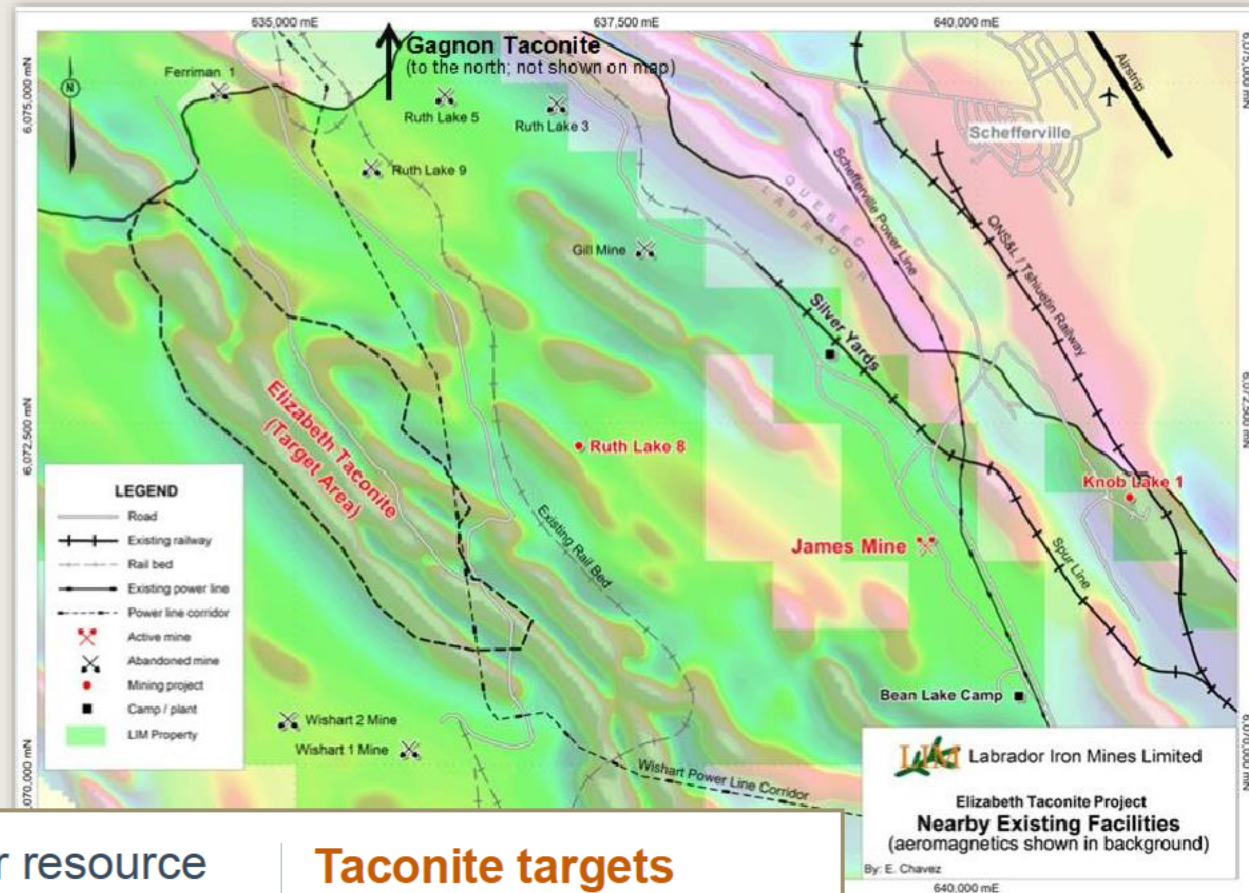


Revised lower capital development plan¹:

- Capital investment to put Houston into production relatively modest and lead time for development relatively short, compared with most other iron ore producers under development in the Labrador Trough

Elizabeth Taconite Project - First Resource

- 620 million tonnes inferred @ 31.8% Fe¹
- Exploration potential of 350 – 600 million tonnes @ 31.9% Fe¹
- Alongside existing infrastructure (roads, rail bed and power line corridor);



- Significant potential for resource expansion; open to NW and SE
- Nearby Gagnon taconite target (Quebec)

Taconite targets represent potential project grade >65% Fe of concentrate

Environmental Compliance and Rehabilitation

Fulfilling all environmental /
regulatory obligations

JAMES MINE REHABILITATION





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**LIM's
Strategic
Partnerships**

Relationships with First Nations

Social License to Operate

- Local employment
- Training programs
- Business opportunities
- Environmental protection
- Community engagement

Impact and Benefit Agreements

July 2008	Innu Nation of Labrador (left)	
September 2010	Naskapi Nation of Kawawachikamach (2 nd from left)	
June 2011	Innu Matimekush-Lac John (2 nd from right)	
February 2012	Innu of Uashat (right)	
December 2012	Economic Partnership Agreement with NunatuKavut	





Labrador Iron Mines



**Directors &
Executive
Team**

LIM Executive Team



<p>John Kearney <i>Chairman & CEO</i></p>	<p>Mining executive with over 40 years of industry experience. Chairman and CEO of numerous mining companies, including Canadian Zinc Corporation, Anglesey Mining plc., Conquest Resources Ltd., and Xtierra Inc. Board of Director, Mining Association of Canada and Director and Former President, NWT & Nunavut Chamber of Mines</p>
<p>Rod Cooper <i>COO</i></p>	<p>Mining engineer with over 30 years of experience in resource industry. Previously COO, Baffinland Iron Mines Corporation, VP and Senior Analyst, Mining, Dundee Securities and VP, Technical Services, Kinross Gold.</p>
<p>Richard Pinkerton <i>CFO</i></p>	<p>10 years as an investment banker in mining sector and five years with PricewaterhouseCooper LLP.</p>
<p>Aiden Carey <i>SVP, Operations</i></p>	<p>Held senior operating positions with Barrick Gold Corporation and Cliffs Natural Resources Inc.</p>
<p>Joseph Lanzon <i>VP, Corporate Affairs</i></p>	<p>Over 30 years experience in nuclear and minerals industries including Aboriginal engagement, contract administration, training and procurement . VP of Canadian Zinc Corporation, previously held positions with General Electric and Legislative Assembly of the Northwest Territories.</p>
<p>Larry LeDrew <i>VP, Sustainable Development</i></p>	<p>Over 30 years of experience in science and environment field; previously held positions with Sikumiut Environmental Management Ltd., Newfoundland and Labrador Hydro and the Department of Fisheries and Oceans.</p>
<p>Neil Steenberg, <i>Corporate Secretary</i></p>	<p>Securities lawyer with over 30 years experience in mineral exploration and corporate finance law.</p>
<p>Wayne Walsh <i>General Manager Transportation</i></p>	<p>Over 50 years of experience in transportation and rail services industry. Mr. Walsh has previously held positions with Quebec North Shore Labrador Railway (QNS&L – IOC) and Tshiuetin Rail Transportation Inc.</p>

LIMH Board of Directors



John Kearney <i>Chairman & CEO</i>	Mining executive with over 40 years of industry experience; Chairman and CEO of numerous mining companies.
Bill Hooley <i>Vice Chairman</i>	Professional mining engineer with 40 years experience. CEO of Anglesey Mining plc and former President & COO of LIM.
Matthew Coon Come	Former Grand Chief of the Grand Council of the Crees (Eeyou Istchee) Quebec and former National Grand Chief of the Assembly of First Nations (AFN).
Eric Cunningham	Independent mining consultant since 1996.
Gerry Gauthier	Mining engineer. COO of Xtierra Inc. and Director of Conquest Resources Limited. Former COO of Nevsun Resources Ltd.
Brendan Lynch	Advisor to the Gerald Group, an international commodities merchant engaged in the physical merchanting, trade and structured financing of commodities, and provides trading and investment solutions to both producer and consumer clients worldwide.
Danesh Varma	Over 30 years of experience in the mining finance industry. Director of Anglesey Mining plc. Former CFO of LIM and has held senior positions in the banking, corporate finance and accounting fields.



Labrador Iron Mines

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