Lithium Ionic

LTH-TSXV Rating Outperform(S)

Price: Nov-27 **\$0.94**

Target ↑ **\$2.00**

Total Rtn 113%

LOI Signed With US EXIM Bank for US\$266M Debt Funding

Bottom Line:

LTH announced a non-binding LOI from the US Export-Import Bank for up to US\$266M in debt financing (15-year term) for its Bandeira project. The funding covers the full capex estimate outlined in the May 2024 feasibility study. EXIM's funding is conditional upon LTH competing the funding application, EXIM's satisfactory due diligence and its customary approval process. We model ~US\$290M of capex and assume a US\$34M equity raise mid-2025. The debt financing minimizes future equity dilution, increasing our NAVPS. We increase our target price to C\$2.00 (0.60x NAV).

Key Points

Non-binding LOI with US EXIM Bank for up to US\$266M in debt financing. The announced funding covers the entire Bandeira project capex that was presented in the May 2024 feasibility study. EXIM has announced financing support for a number of battery materials companies in recent months as part of the China and Transformational Export Program (CTEP), a mandate to help ease supply chain competition from China. The loan commitment is conditional upon LTH completing the requisite funding application, EXIM completing satisfactory due diligence, and its customary approval process. The loan has a maximum repayment term of 15 years.

Reduces future equity dilution. The announced loan is larger than we had assumed (US\$266M vs. US\$210M previously), which reduces our future equity financing assumptions. We model total Bandeira capex of ~US\$290M vs. US\$266M (+5% vs. May 2024 feasibility study). We have updated our financing assumptions and assume total capital raised of US\$300M, which consists of the announced US\$266M EXIM debt funding and a US\$34M (~C\$47M) equity raise in Q2/25. LTH ended Q3/24 with a cash balance of C\$28M. Our previous financing assumptions included US\$80M (~C\$110M) of future equity.

Increasing target price to C\$2.00 driven by reduced dilution, with the EXIM financing package displacing a portion of previously assumed equity, and assuming the equity is raised at a higher price (LTH's share price is up ~42% since our prior update). Our target price setting NAVPS increased to C\$3.17 from C\$2.28, to which we apply a 0.60x multiple to arrive at our target price.

Upcoming catalysts: (i) receipt of Bandeira construction permits and initial mine development (Q4/24), (ii) Salinas PEA (Q4/24), (iii) start of main Bandeira construction activities (H2/25), (iv) Bandeira commissioning (Q3/26).

Key Changes			
Target	Estimates	2024E	2025E
\$2.00↑	EPS		\$(0.12)
\$1.25	Previous		\$(0.16)
	CFPS	\$(0.14)	\$(0.08)
	Previous	\$(0.12)	\$(0.10)

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For disclosure statements, including the Analyst Certification, please refer to page(s) 5 to 9.



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Company Data						in C\$
Dividend	\$0.00	Sł	nares 0/	S (mm)		167.0
Yield	0.0%	M	arket Ca	p (mm)		\$157
NAV	\$3.17	P/	/NAV			0.3x
BMO Estimates						in C\$
(FY-Dec.)	202	4E		2025E		2026E
EPS	\$(0.2	0)	\$(0).12)↑		\$(0.25)↑
CFPS	\$(0.14)↓	\$(0	.08)↑		\$(0.07)↑
Revenue		\$0		\$0		\$0
EBITDA	\$(2	9)	Ş	s(14)↑		\$(6)↑
Consensus Estin	nates					
	202	4E		2025E		2026E
EPS	\$(0.1	7)	\$	(0.10)		\$0.05
Valuation						
	202	4E		2025E		2026E
P/E	٨	IM		NM		NM
P/CFPS	N	IM		NM		NM
EV/EBITDA	N	IM		NM		NM
QTR. EPS	Q1		Q2		Q3	Q4
						1.4
2024E	\$(0.05)a	\$	(0.10)a	\$(0.03	3)a	\$(0.02)
2024E 2025E	\$(0.05)a \$(0.02)		(0.10)a \$(0.03)	\$(0.03		\$(0.02)
				•)3)	

Our Thesis

We rate LTH shares Outperform (S) based on 1) its low-capex, feasibility-stage Bandeira project with potential for near-term production, 2) its 100%-owned Salinas project, with a PEA underway; and 3) its position as the second-largest landholder in Brazil's Lithium Valley provides the potential for further resource growth over the large under-explored property.



Lithium Ionic - Block Summary Model

Commodity Prices & Fx	2024E	2025E	2026E
Spodumene conc. SC5.5 (US\$/t)	928	1,146	1,375
USD:CAD	0.732	0.731	0.750
Production	2024E	2025E	2026E
Spodumene conc. (t)	0.0	0.0	0.0
Cash Costs	2024E	2025E	2026E
Cash Costs (C\$/t conc.)	0	0	0
Key Financial Metrics (C\$M)	2024E	2025E	2026E
Free Cash Flow	(27)	(84)	(210)
Net Debt (Cash)	(25)	12	222
Net Debt/EBITDA	nmf	0.9x	39.7x
Shares Outstanding (M)	148	175	192
Summary Income Statement (C			
\$M)	2024E	2025E	2026E
Revenue	0	0	0
Gross Profit	0	0	0
G&A	(9)	(6)	(6)
EBITDA	(29)	(14)	(6)
Depreciation	(0)	(7)	(36)
Net Interest Expense	0	(1)	(8)
Income Taxes	0	0	0
Operating Net Income	(29)	(22)	(49)
Summary Cash Flow Statement			
(C\$M)	2024E	2025E	2026E
Cash from Operations	(20)	(15)	(13)
Capital Expenditures	(0)	(68)	(197)
Cash from Investing	(7)	(70)	(197)
Share Issuance	15	47	0
Debt Issuance	(0)	68	197
Cash from Financing	41	115	197

Source: BMO Capital Markets, Company Reports

New Scenarios

Valuation

Our target price is set based on a 0.60x multiple of our fully financed 8% NAVPS. We apply an in-situ value for the Salinas resource at US\$50/t LCE.

Upside Scenario

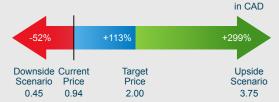
\$3.75

Our upside scenario considers capital and operating costs in line with the feasibility study, at an 8% discount rate, 10% higher price deck, and higher P/NAV multiple of 0.75x. We apply an in-situ value for the Salinas at US\$150/t LCE, in line with the multiple Pilbara is paying to acquire neighbouring Latin Resources.

Downside Scenario

\$0.45

Our downside scenario assumes first production in Q4/27 to reflect a delayed permitting / construction timeline and assumes 50% higher capital and operating costs, at a reduced P/NAV multiple of 0.40x.



Key Catalysts

Bandeira LAC approval for environmental and social license and authorization to begin construction (Q4/24), Salinas PEA (Q4/24), closing of EXIM debt funding, and start of Bandeira initial mine development (Q4/24).

Company Description

Lithium Ionic Corp. is a hard rock lithium developer focused on advancing its two 100%-owned projects, the feasibility-stage Bandeira project and the Salinas project, located in Minas Gerais State, Brazil. LTH is targeting first production from Bandeira in 2026.



LTH-TSXV Research



Glossary



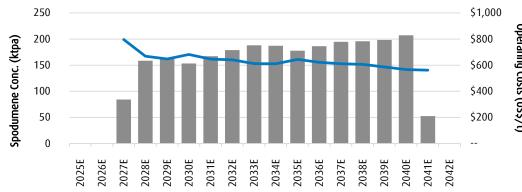
Company Models

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Model Assumptions

- We model Bandeira according to the 2024 feasibility study production schedule with first production in Q2/27.
- We assume ~US\$290M of initial capex (+5% vs. feasibility study) and total funding of US\$300M, which consists of the announced US\$266M EXIM debt funding and a US\$34M (~C\$47M) equity raise in Q2/25. LTH ended Q3/24 with a cash balance of C\$28M.
- For Salinas, we include an in-situ value for the currently defined resources, plus additional resources assuming the mid-point of what LTH identified as its exploration target (i.e., 10-15 Mt at 1.0-1.3% Li20) at US\$50/t LCE.
 - A PEA on Salinas is expected by end-2024, and we will look to revisit our assumptions following its release.
- Long-term (Q1/26+) spodumene price of US\$1,500/t (SC6).
- Our target price is based on a 0.60x multiple of our modelled NAVPS.

Exhibit 1 - BMO Modelled Production and Cost Profile



Note: Operating costs include transport costs and royalties.

Source: BMO Capital Markets

Exhibit 2 - BMO NAV Summary

	-	ВМО	Base	вмо і	Jpside	BMO Do	ownside
	Disc. Rate	NPV	Per Share	NPV	Per Share	NPV	Per Share
	0/0	C\$M	C\$/share	C\$M	C\$/share	C\$M	C\$/share
Bandeira	8%	\$564	\$2.82	\$747	\$4.14	\$98	\$0.32
Salinas In-Situ ⁽¹⁾	n.a.	\$25	\$0.13	\$80	\$0.44	\$25	\$0.08
Salinas Exploration Credit ⁽²⁾	n.a.	\$25	\$0.13	\$75	\$0.42	\$25	\$0.08
Net Cash		\$28	\$0.14	\$28	\$0.15	\$28	\$0.09
ITM Option Proceeds		\$6	\$0.03	\$6	\$0.03	\$6	\$0.02
Future Equity Financing Proceeds		\$47	\$0.23	\$19	\$0.11	\$204	\$0.66
Corporate G&A		(\$62)	(\$0.31)	(\$62)	(\$0.34)	(\$63)	(\$0.20)
Total Corporate Adjustments		\$19	\$0.09	(\$9)	(\$0.05)	\$175	\$0.56
Net Asset Value		\$632	\$3.17	\$893	\$4.95	\$323	\$1.04
Current FD ITM Shares			167.0		167.0		167.0
Shares from Assumed Financing			32.8		13.5		142.9
FD ITM Shares			199.7		180.5		309.9
Target Multiple			0.60x		0.75x		0.40x
12-Month Target Price		\$379	\$1.90	\$670	\$3.71	\$129	\$0.42
12-Month Target Price (Rounded)			\$2.00		\$3.75		\$0.45

^{1.} Assumes US\$50/t LCE (Base Case) and US\$150/t LCE (Upside Case), in line with multiple implied by Pilbara's announced acquisition of neighbouring Latin Resources.

Source: BMO Capital Markets

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^{2.} Assumes an additional 12.5 Mt at 1.15% Li20 containing 355 kt LCE valued at US\$50/t LCE (Base Case) and US\$150/t LCE (Upside Case).

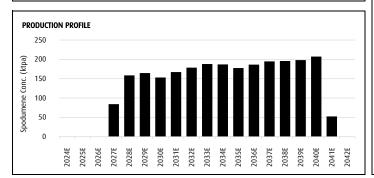
Exhibit 3 - Tear Sheet

LITHIUM IONIC Greg Jones, Analys	st, BMO Capital N	LTH-TSXV Markets				Rating		form (S) 7-Nov-24
Share Price	C\$/share	\$0.94	NAVPS	C\$/share	\$3.17	FD ITM Shares	M	167.0
Target Price	C\$/share	\$2.00	Price/NAV	Ratio	0.30x	Market Capitalization	C\$M	\$157
Implied Return	0/0	113%				Fiscal Year End	D	ecember

PRICE AND FX ASSUMPTION December Year End	ONS	FY2023A	FY2024E	FY2025E	FY2026E	FY2027E
Spodumene (Realized)	US\$/t	nmf	\$928	\$1,146	\$1,375	\$1,375
Exchange Rate	USD:CAD	0.74	0.73	0.73	0.75	0.76

		FY2023A	FY2024E	FY2025E	FY2026E	FY2027E
Shares O/S (Avg.)	M	118.1	148.4	175.2	191.9	195.1
EPS (Adj.)	C\$/share	(\$0.51)	(\$0.20)	(\$0.12)	(\$0.25)	(\$0.16
CFPS	C\$/share	(\$0.35)	(\$0.14)	(\$0.08)	(\$0.07)	\$0.07
FCF PS	C\$/share	(\$0.32)	(\$0.18)	(\$0.48)	(\$1.10)	(\$0.49

RESERVES & RESOURCES				
	Tonnes	Li20	Li20	LCE
Global (Bandeira, Salinas, Outro Lado)	kt	0/0	kt	kt
Measured & Indicated	32,511	1.30%	424	1,049
Inferred	27,566	1.24%	343	848



			8% Di	sc. Rate	10% D	isc. Rate
			NPV	Per share	NPV	Per shar
			C\$M	C\$/share	C\$M	C\$/shar
Bandeira			\$564	\$2.82	\$444	\$2.22
Salinas In-Situ ⁽¹⁾			\$25	\$0.13	\$25	\$0.13
Salinas Exploration Credit ⁽¹⁾			\$25	\$0.13	\$25	\$0.13
Net Cash			\$28	\$0.14	\$28	\$0.14
ITM Option Proceeds			\$6	\$0.03	\$6	\$0.03
Future Equity Financing Proc	eeds		\$47	\$0.23	\$47	\$0.23
Corporate G&A			(\$62)	(\$0.31)	(\$56)	(\$0.28)
Total Corporate Adjustments	i		\$19	\$0.09	\$24	\$0.12
Net Asset Value			\$632	\$3.17	\$519	\$2.60
Price Target (0.60x NAV) R	ounded			\$2.00		
Current FD ITM Shares	М	167.0				
Shares from Future Equity	M	32.8				
FD ITM Shares	M	199.7	•			

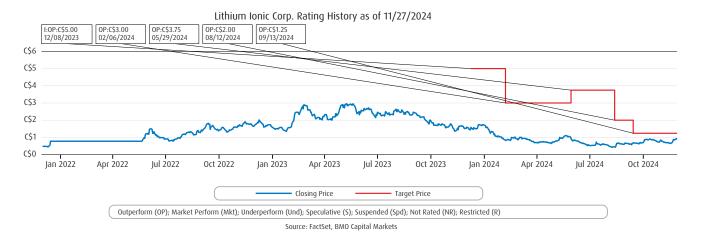
PROFIT & LOSS STATEMENT (C\$M) December Year End	FY2023A	FY2024E	FY2025E	FY2026E	FY2027E
Net Revenue					\$151
Operating Costs					(\$88)
Gross Profit					\$64
SG&A	(\$8)	(\$9)	(\$6)	(\$6)	(\$6)
Other Expenses	(\$57)	(\$20)	(\$8)		(\$1)
EBITDA	(\$65)	(\$29)	(\$14)	(\$6)	\$57
Depreciation	(\$0)	(\$0)	(\$7)	(\$36)	(\$74)
EBIT	(\$65)	(\$30)	(\$20)	(\$41)	(\$17)
Interest Income (Expense)	\$1	\$0	(\$1)	(\$8)	(\$17)
Income Taxes					\$2
Net Income	(\$64)	(\$29)	(\$22)	(\$49)	(\$32)

CASH FLOW ANALYSIS (C\$M) December Year End	FY2023A	FY2024F	FY2025F	FY2026F	FY2027F
becember real cita	112023A	1120246	1120232	1120201	1120271
Cash Flows From Operating Activitie	es .				
Net Income	(\$64)	(\$29)	(\$22)	(\$49)	(\$32)
Non-Cash Items	\$23	\$7	\$7	\$36	\$69
Changes in Working Capital	(\$3)	\$3			(\$23)
	(\$45)	(\$20)	(\$15)	(\$13)	\$14
Cash Flows from Investing Activities	;				
Property, Plant and Equipment	(\$1)	(\$0)	(\$68)	(\$197)	(\$111)
Other	\$7	(\$7)	(\$1)		
	\$7	(\$7)	(\$70)	(\$197)	(\$111)
Cash Flows from Financing Activities	s				
Proceeds from Issue of Shares	\$28	\$15	\$47		\$4
Proceeds from Borrowings	(\$0)	(\$0)	\$68	\$197	\$108
Proceeds from Other		\$26			
	\$28	\$41	\$115	\$197	\$112
Beginning Cash	\$21	\$11	\$25	\$56	\$43
Net Increase in Cash Held	(\$10)	\$14	\$31	(\$13)	\$16
Ending Cash	\$11	\$25	\$56	\$43	\$59

BALANCE SHEET ANALYSIS (C\$M) December Year End	FY2023A	FY2024E	FY2025E	FY2026E	FY2027E
becember real End	FTZUZSA	F12024E	FIZUZSE	F12UZGE	F1ZUZ/E
Current Assets					
Cash and Equivalents	\$11	\$25	\$56	\$43	\$59
Other .	\$1	\$0	\$0	\$0	\$26
Non-Current Assets					
Property, Plant and Equipment	\$1	\$1	\$64	\$225	\$266
Other		\$3	\$3	\$3	\$3
Current Liabilities					
Payables	\$5	\$7	\$7	\$7	\$10
Borrowings	\$0	\$0	\$0	\$0	\$0
Non-Current Liabilities					
Borrowings	\$0	\$0	\$68	\$266	\$373
Other		\$26	\$26	\$26	\$25
Shareholders Equity	\$8	(\$3)	\$22	(\$27)	(\$54)
Net Debt (Cash)	(\$11)	(\$25)	\$12	\$223	\$315

Source: BMO Capital Markets

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Methodology and Risks to Target Price/Valuation for Lithium Ionic Corp. (LTH-TSXV)

Methodology: We use a NAV-based methodology to value Lithium Ionic shares consistent with other developers in the mining sector. We apply a 0.60x multiple to our calculated NAV, appropriate in our view for an development-stage company with a low-capital project in an attractive jurisdiction and balanced by the current market environment. We include an in-situ value for resources defined at LTH's Salinas project.

Risks: 1) Permitting Risk. Delays in advancing the Bandeira project through permitting in a timely manner could impact our assumed production start date and negatively impact our NAV per share estimate. 2) Financing Risk. Inability for the company to secure the financing required to advance its development plans along its anticipated timeline could impact our modelled start date, and if significant equity capital is raised it could introduce dilution to shareholders. 3) Stage of development. The Salinas project is early-stage and its ability to continue growing and improving the confidence of the resource base and defining the project economics is a key aspect to the company's growth story, in our view. 4) Geological risk. The presence of a river over portion of the Outro Lado deposit requires further study. A river passes over a portion of the Outro Lado deposit and will not allow for open pit mining of this area. Underground mining is contemplated, and additional mine design study is required, which could adversely affect the current mineral resource estimate for this area (3.4 Mt at 1.47% Li20). 5) Commodity price risk. Weakness in lithium and spodumene demand and commodity prices could negatively impact share price performance.

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Distribution of Ratings (November 27, 2024)

Rating category	BMO rating	BMOCM US Universe*	BMOCM US IB Clients**	BMOCM US IB Clients***	BMOCM Universe****	BMOCM IB Clients*****	StarMine Universe~
Buy	Outperform	52.2 %	24.9 %	60.0 %	56.5 %	65.6 %	57.7%
Hold	Market Perform	45.7 %	18.0 %	38.0 %	42.3 %	33.6 %	37.5%
Sell	Underperform	2.2 %	20.0 %	2.0 %	1.2 %	0.8 %	4.8%

^{*} Reflects rating distribution of all companies covered by BMO Capital Markets Corp. equity research analysts.

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OP = Outperform - Forecast to outperform the analyst's coverage universe on a total return basis;

Mkt = Market Perform - Forecast to perform roughly in line with the analyst's coverage universe on a total return basis;

Und = Underperform - Forecast to underperform the analyst's coverage universe on a total return basis;

(S) = Speculative investment;

Spd = Suspended - Coverage and rating suspended until coverage is reinstated;

NR = No Rated - No rating at this time; and

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Prior BMO Capital Markets Rating System

(April 2013 - October 2016)

http://researchglobal.bmocapitalmarkets.com/documents/2013/rating_key_2013_to_2016.pdf

(January 2010 - April 2013)

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^{**} Reflects rating distribution of all companies from which BMO Capital Markets Corp. has received compensation for Investment Banking services as percentage within ratings category.

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^{****} Reflects rating distribution of all companies covered by BMO Capital Markets equity research analysts.

^{*****} Reflects rating distribution of all companies from which BMO Capital Markets has received compensation for Investment Banking services as percentage of Investment Banking clients.

[~] As of April 1, 2019.

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