



Neometals

Investor Presentation

ASX Code: NMT

March 2016

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Financial data: All figures in this document are in Australian dollars (AUD) unless stated otherwise.

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Investment risk: An investment in securities in Neometals is subject to investment and other known and unknown risks, some of which are beyond the control of Neometals. The Company does not guarantee any particular rate of return or the performance of Neometals. Investors should have regard to the risk factors outlined in this document.

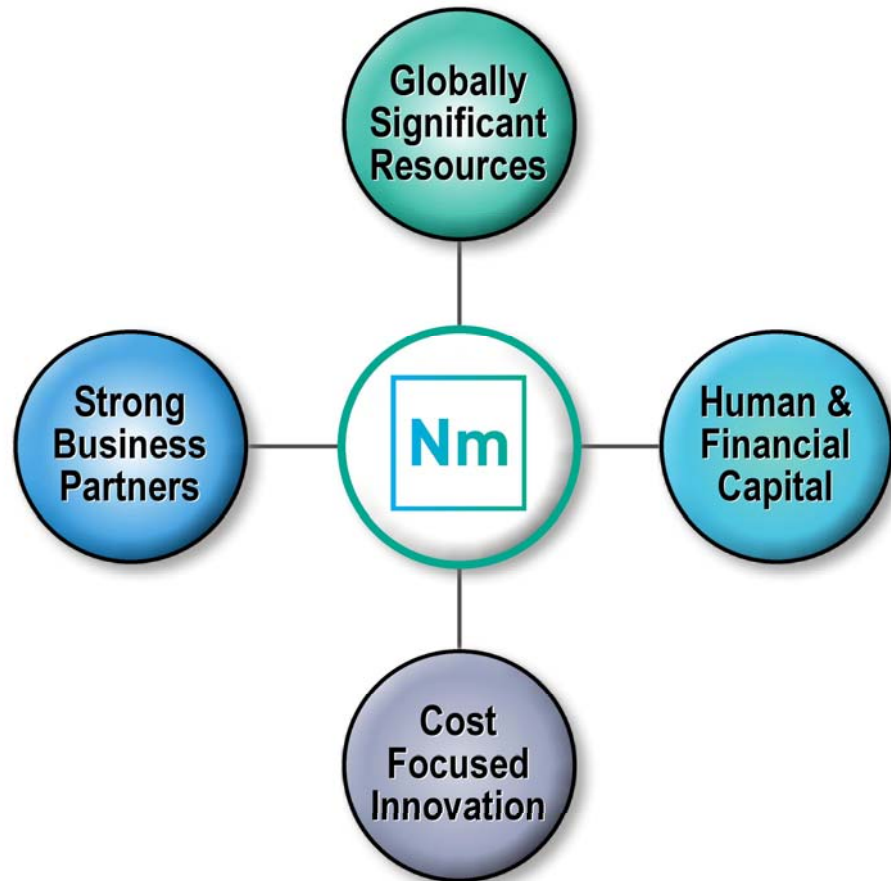
Competent Persons Statement:

The information in this document that relates to “Barrambie Scoping Study Results”, “Mt Marion test work results”, “Barrambie Mineral Resource Estimates”, “Mt Marion Mineral Resource Estimates” and “Barrambie Pre Feasibility Study Results” is extracted from ASX Releases set out below. The Company confirms that it is not aware of any new information or data that materially affects the information included in the ASX Releases set out below, and in the case of estimates of mineral resources, that all material assumptions and technical parameters underpinning the estimates in those ASX Releases continue to apply and have not materially changed.

13/11/2013	Barrambie - Scoping Study Results
6/12/2013	Barrambie - Amended JORC 2012 Mineral Resource Estimate
25/08/2015	Barrambie Pre Feasibility Study Results
21/09/2015	Mt Marion Lithium Project - New Mineral Resource Estimate

The Company confirms that all the material assumptions underpinning the production target and the forecast financial information derived from the production targets in the Barrambie Pre-feasibility Study and Mt Marion Pre-feasibility Study continue to apply and have not materially changed.

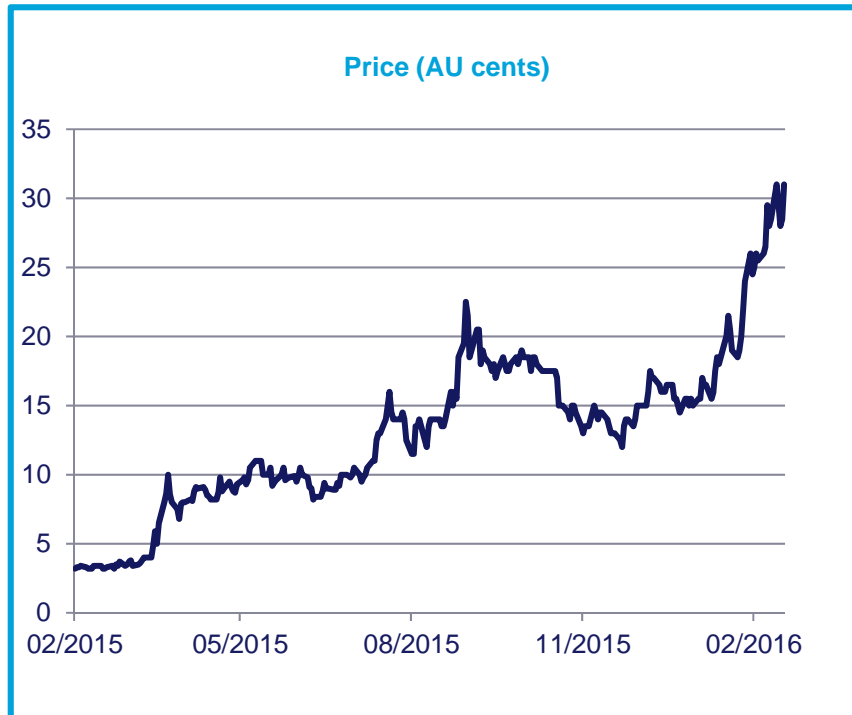
Our Strategy



To generate multiple, long term cashflow streams that we can share with our shareholders

2 cent unfranked div and
A\$5M/5% on market buyback

Corporate Details



ASX Code: NMT OTC: RDRUY

Last close (11 Feb 2016) A\$0.31

Shares on issue 559 M

Cash (31 Dec 2015)(*) A\$31.1 M

Incl Restricted Term Deposit A\$5.1 M

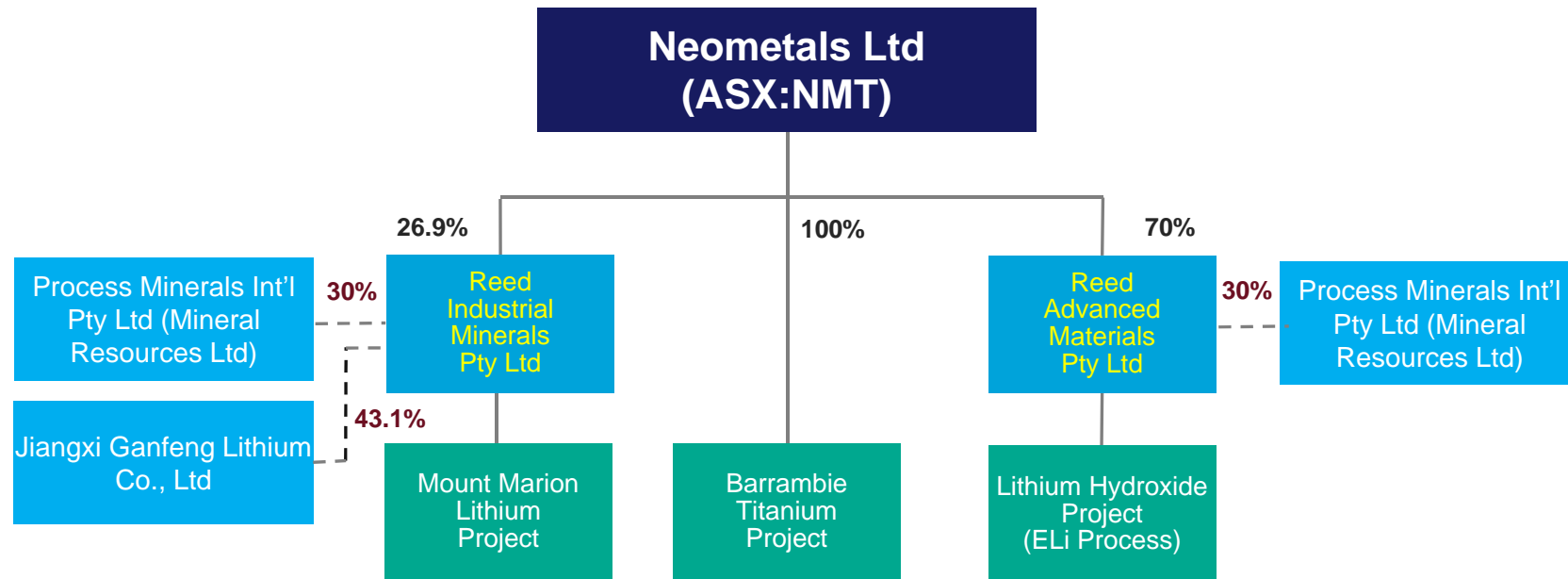
Market capitalisation A\$173 M

* Excludes US\$27.15M (~A\$38M) early option Exercise by Ganfeng, 50% received remaining 50% escrowed to 31/3/16

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Group structure



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Board and management structure

- Disciplined, cohesive and engaged board/management group
- Move to best practice CG structure
- Steven Cole now Independent Chairman
- David Reed remains Non-executive Director
- Recruit up to 2 additional independent NED's
- Lean CEO/CFO/COO management team
- Appointment of Senior Lithium industry executive Michael Tamlin as COO

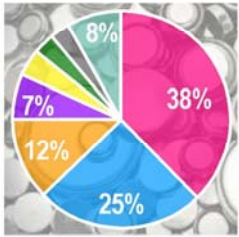
All the right elements



Demand Fundamentals

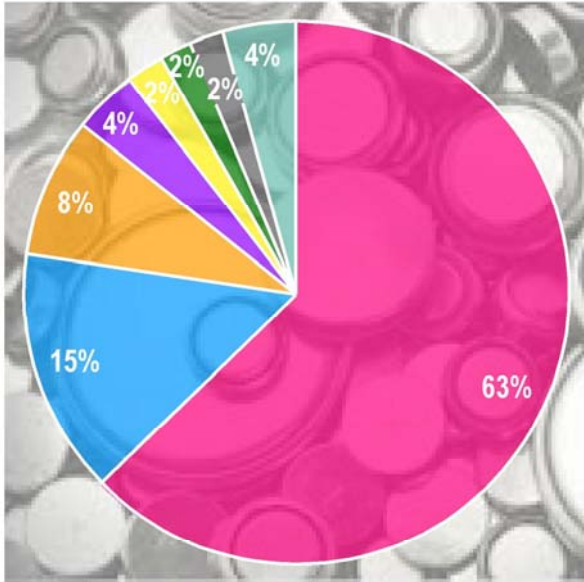


Lithium Demand by Application - 2014
(200,000t of LCE)



- Batteries
- Air conditioning
- Ceramics and glass
- Polymers
- Lubricating greases
- Medicene
- Metallurgy
- Others

Lithium Demand by Application - 2025
(500,000t of LCE - forecast)



- Batteries
- Air conditioning
- Ceramics and glass
- Polymers
- Lubricating greases
- Medicene
- Metallurgy
- Others

Source: signumBox estimates

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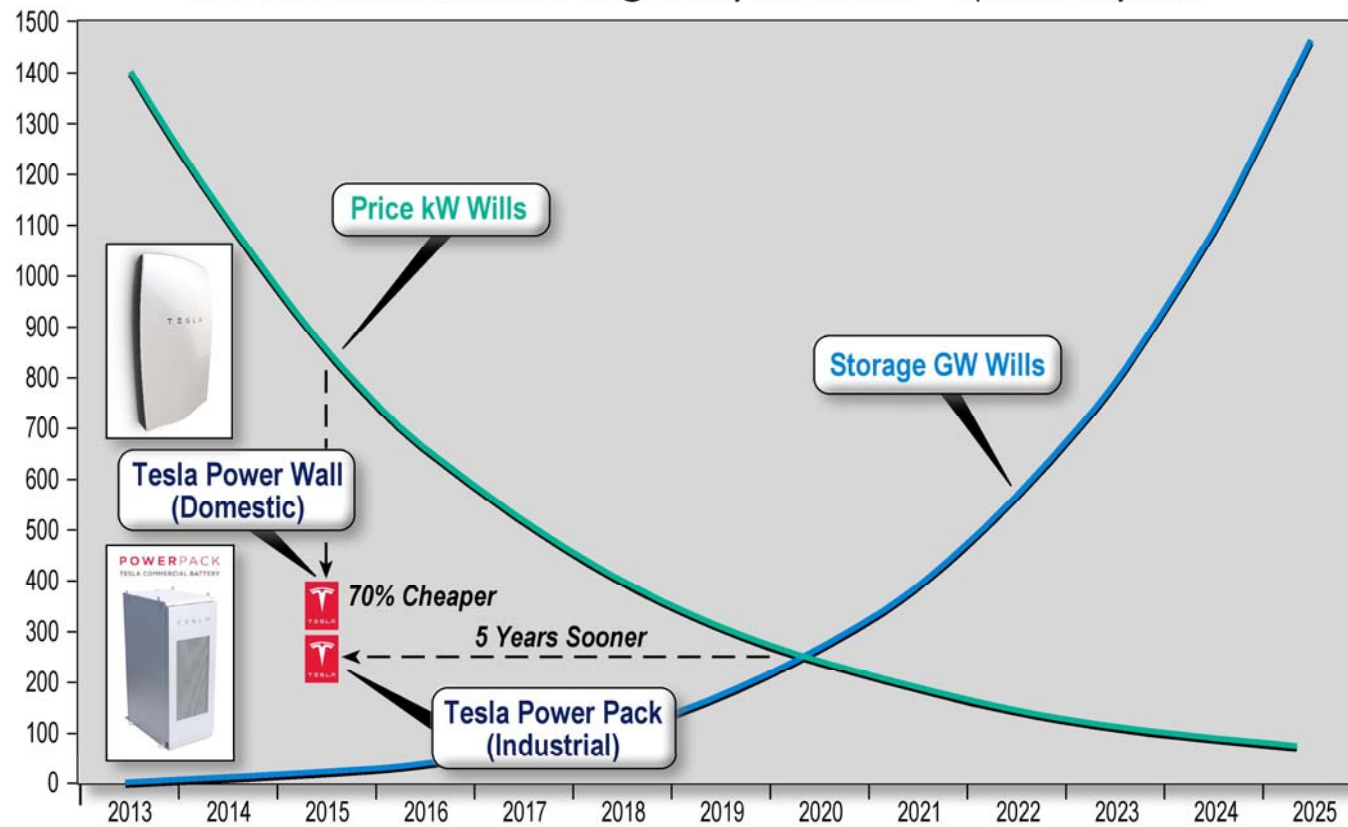


Demand Fundamentals



Global Battery Storage (GW) and Price (\$/kW)

2013 / 2014 market data 2015 on @ProfRayWills forecast Update 7 May 2015



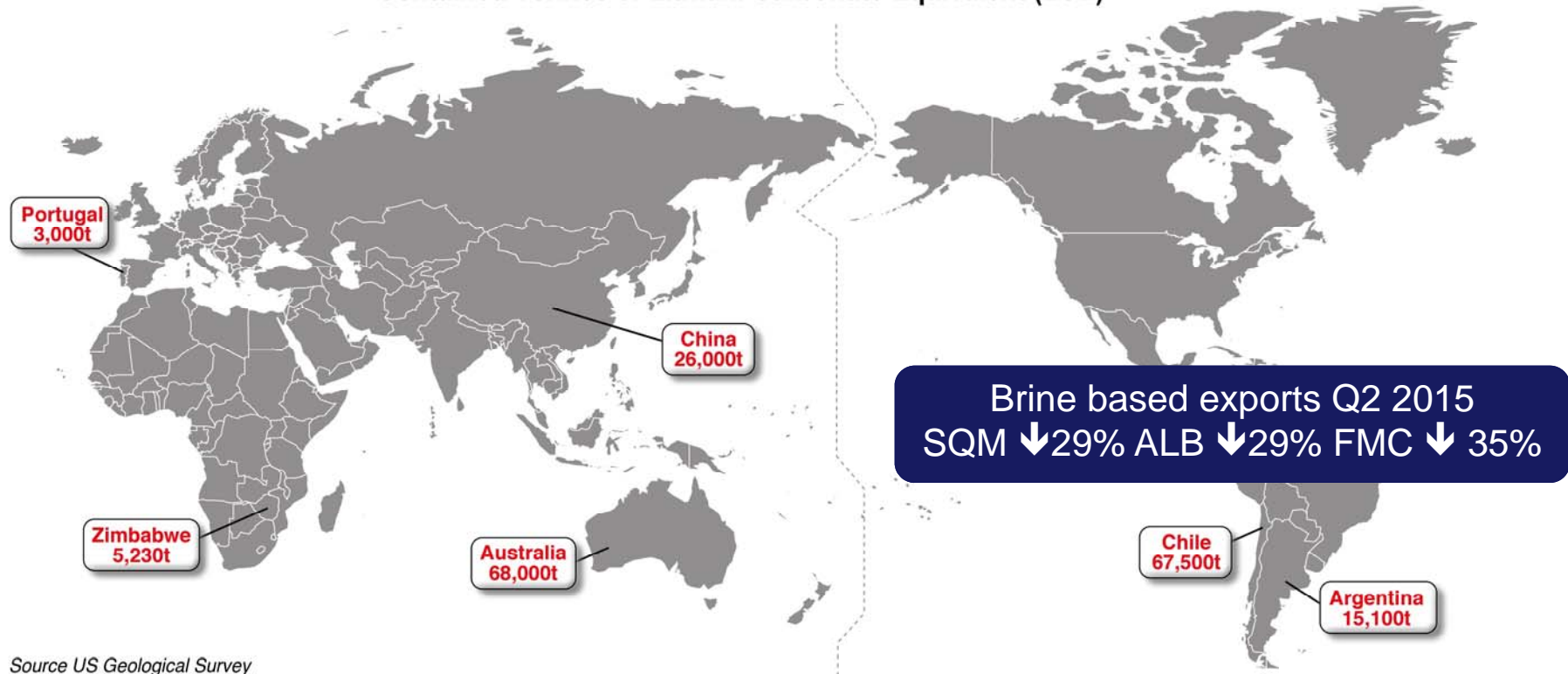
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Supply Fundamentals



Mine Production in 2014 of
Contained Tonnes of Lithium Carbonate Equivalent (LCE)



Brine based exports Q2 2015
SQM ↓29% ALB ↓29% FMC ↓ 35%

Source US Geological Survey
SignumBOX (Exports)

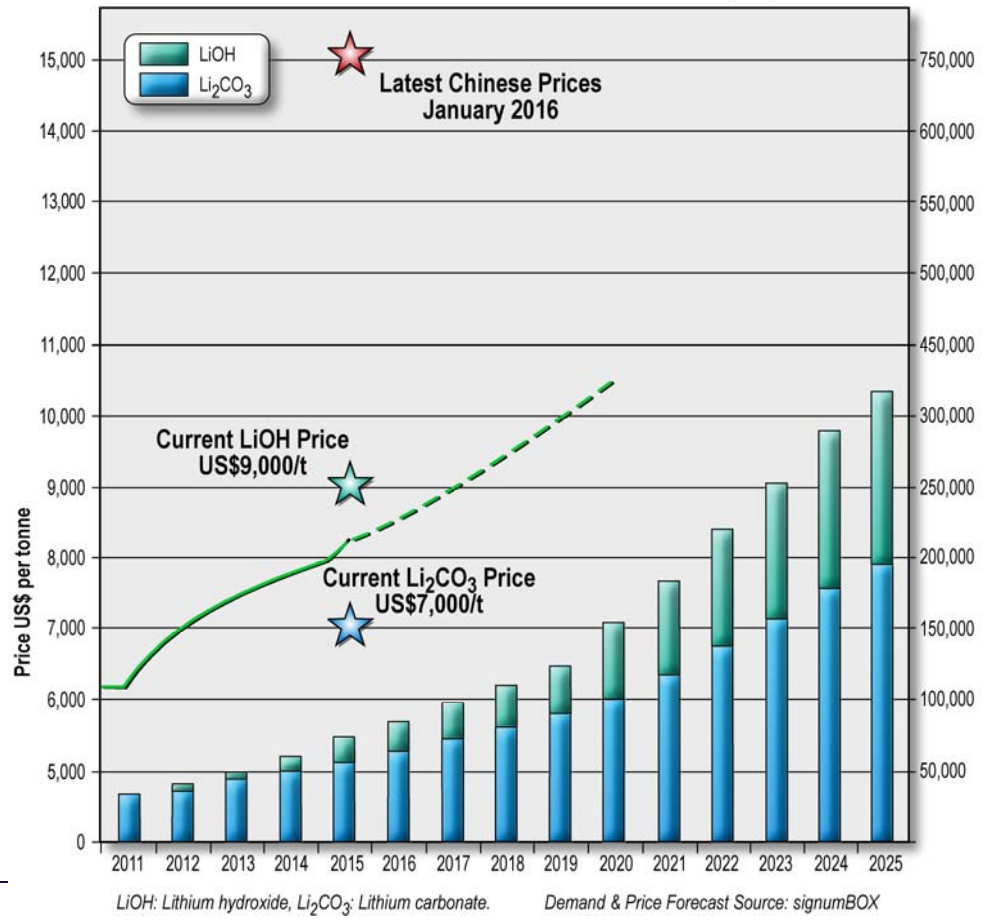
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Strong demand – constrained supply



Lithium Chemicals in Cathode Materials for Rechargeable Batteries
Demand in metric tonnes of lithium carbonate equivalent (LCE)



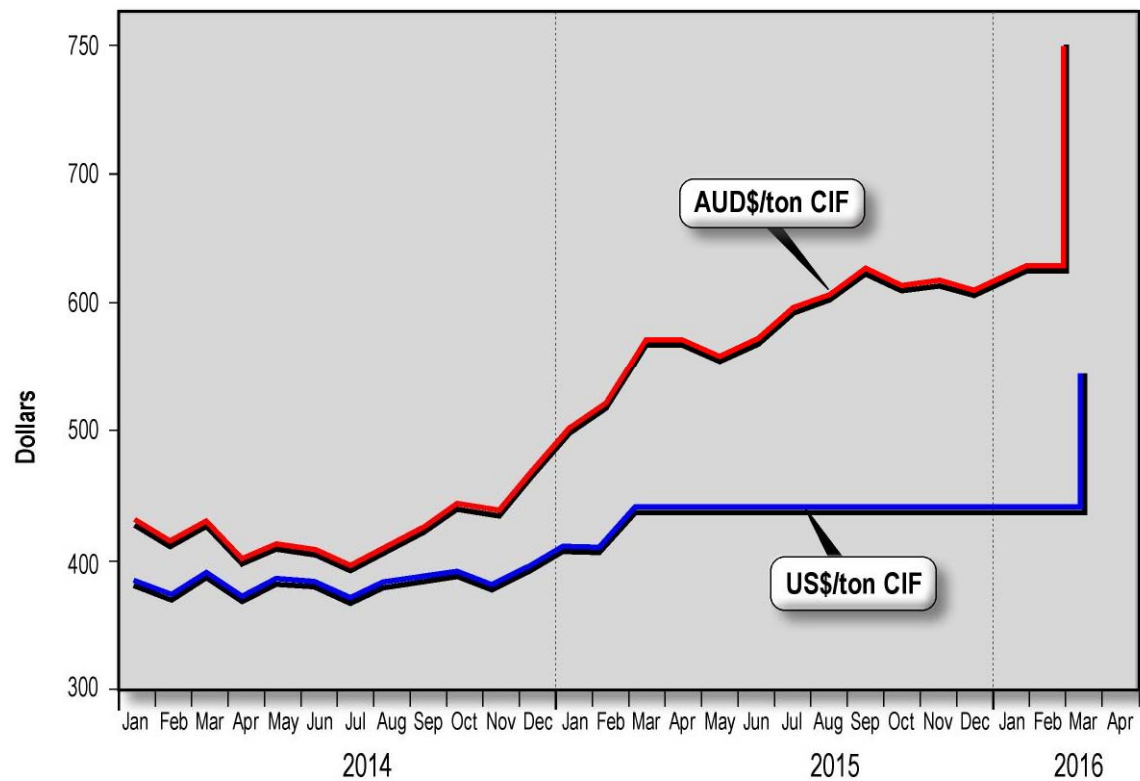
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Lithium Concentrate Prices



Chinese Spodumene Imports 2014 - 2016: From Australia
(6% Li₂O)

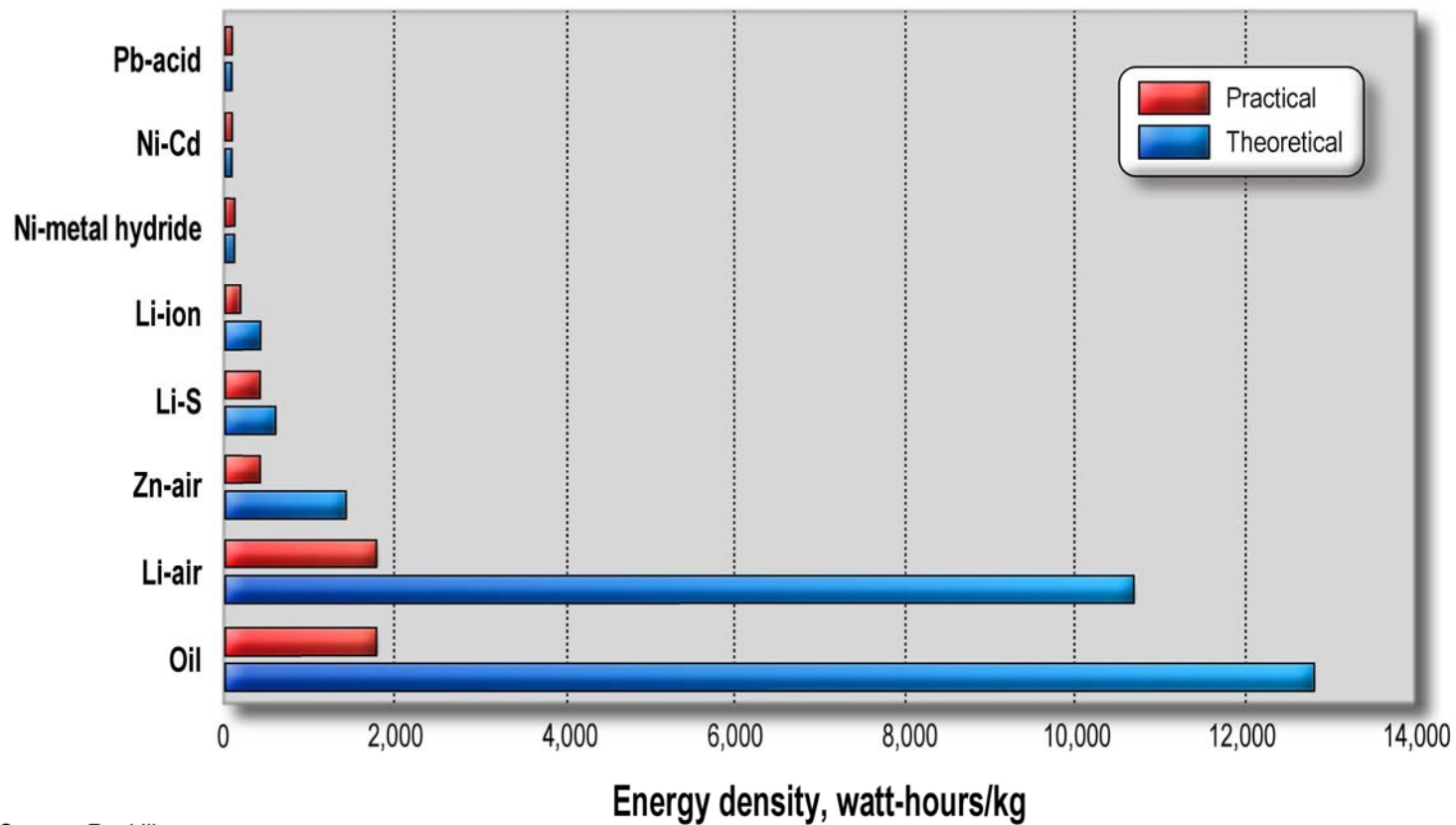


Source: SignumBOX, Global Trade Information Services and Neometals Management

LT Demand Fundamentals



Lithium is the only real alternative to oil



Source: Roskill

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Li

Mt Marion Lithium Project

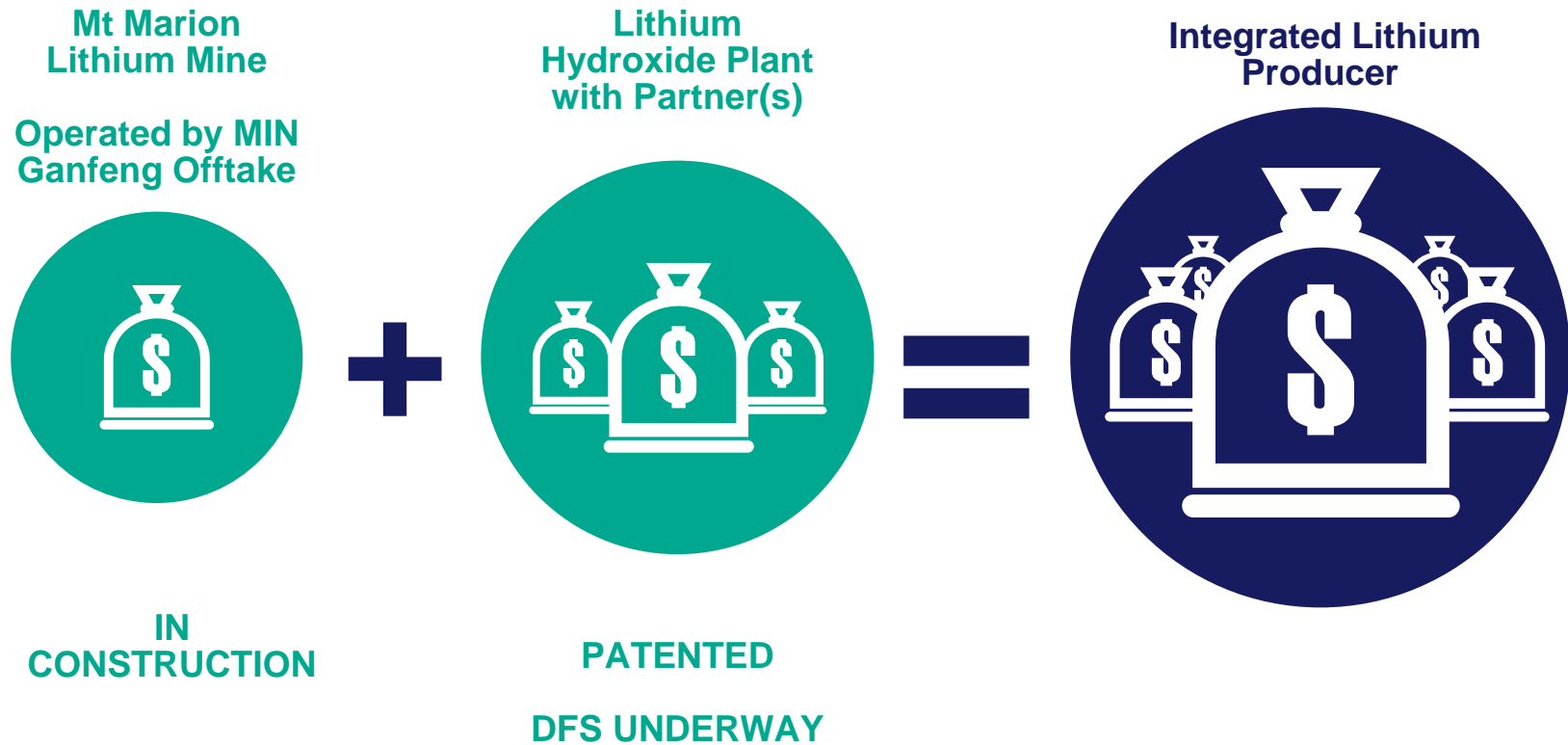
26.9% Neometals Ltd
43.1% Ganfeng Lithium
30% and Operator
Mineral Resources Ltd
(ASX:MIN)



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Project Strategy



Neometals



Strong Operating Partner

Li



- ✓ Australia's largest contract minerals processor
- ✓ Operate mine-to-port on BOO basis
- ✓ No upfront capital cost to NMT
- ✓ Certainty of construction and production timing
- ✓ Minimum production levels
- ✓ Fixed rate mining and processing costs

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Li + Ti = Nm

Strong Offtake Partner



- ✓ China's leading, most profitable lithium producer
- ✓ Life-of-Mine, Take-or-pay Offtake Agreement
- ✓ At Market Price with floor price protection
- ✓ US\$20M Letter of Credit (100% payment on shipping)
- ✓ Ability for MIN/Neometals to take equity share of production after 3 years.

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Range of Potential Option Exercise Outcomes

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**MIN exercise call 13.8% equity
+US\$19.65M**

to

**MIN exercise put 34% equity
GLF call lapse -US\$10.9M**

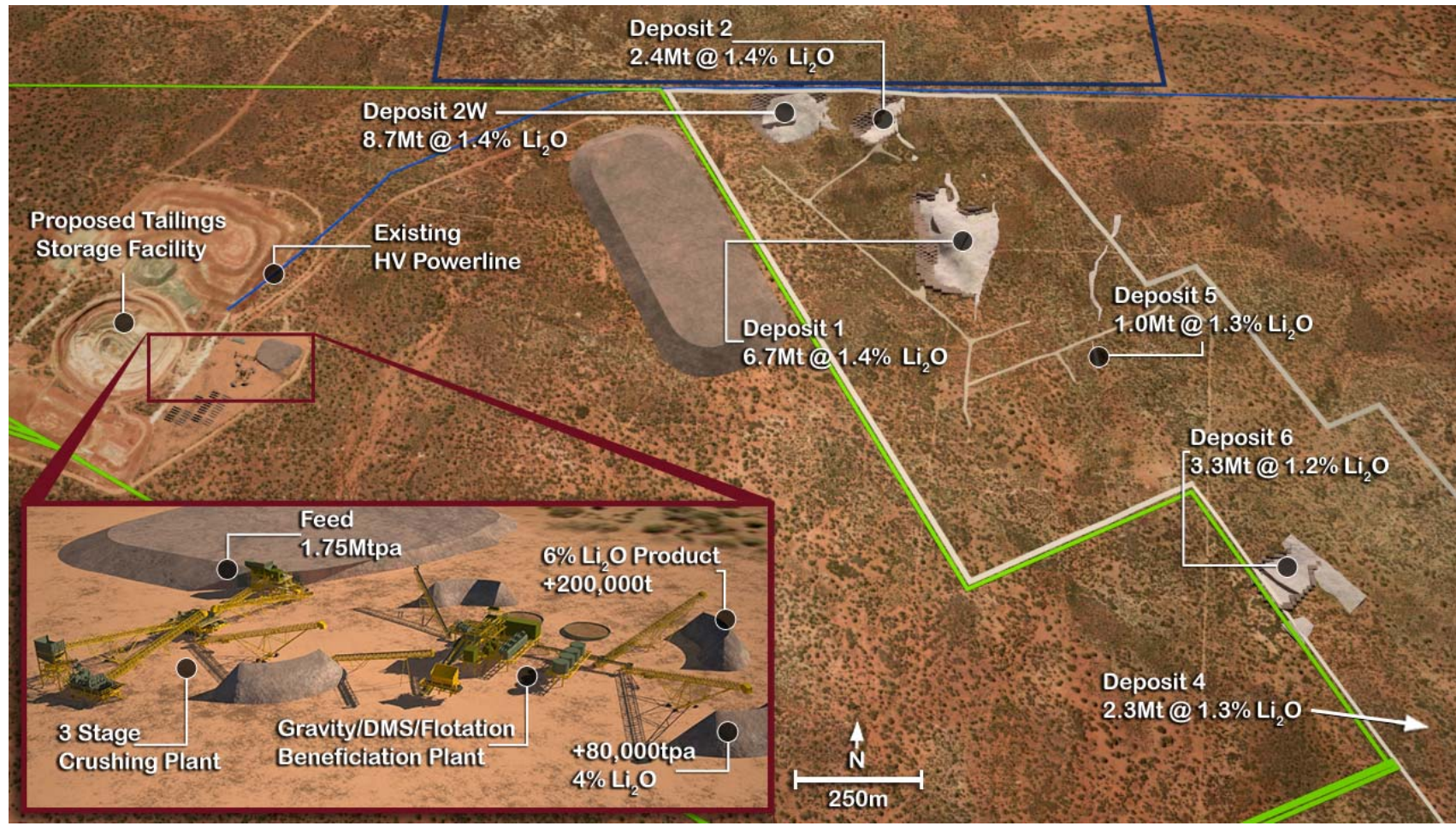
Flythrough

Li

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Site layout



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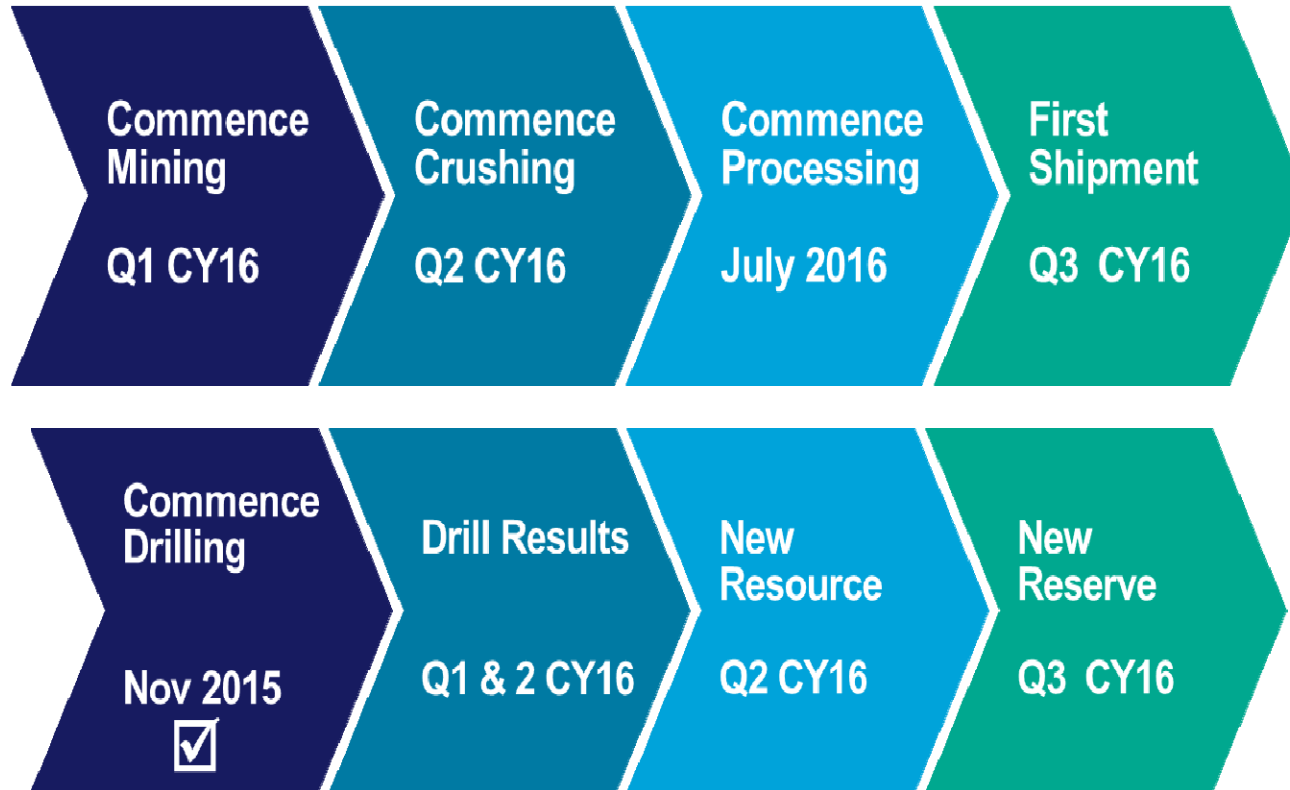
Site photo - 11 Feb



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Near-term milestones





Downstream processing

Lithium Hydroxide (LiOH)

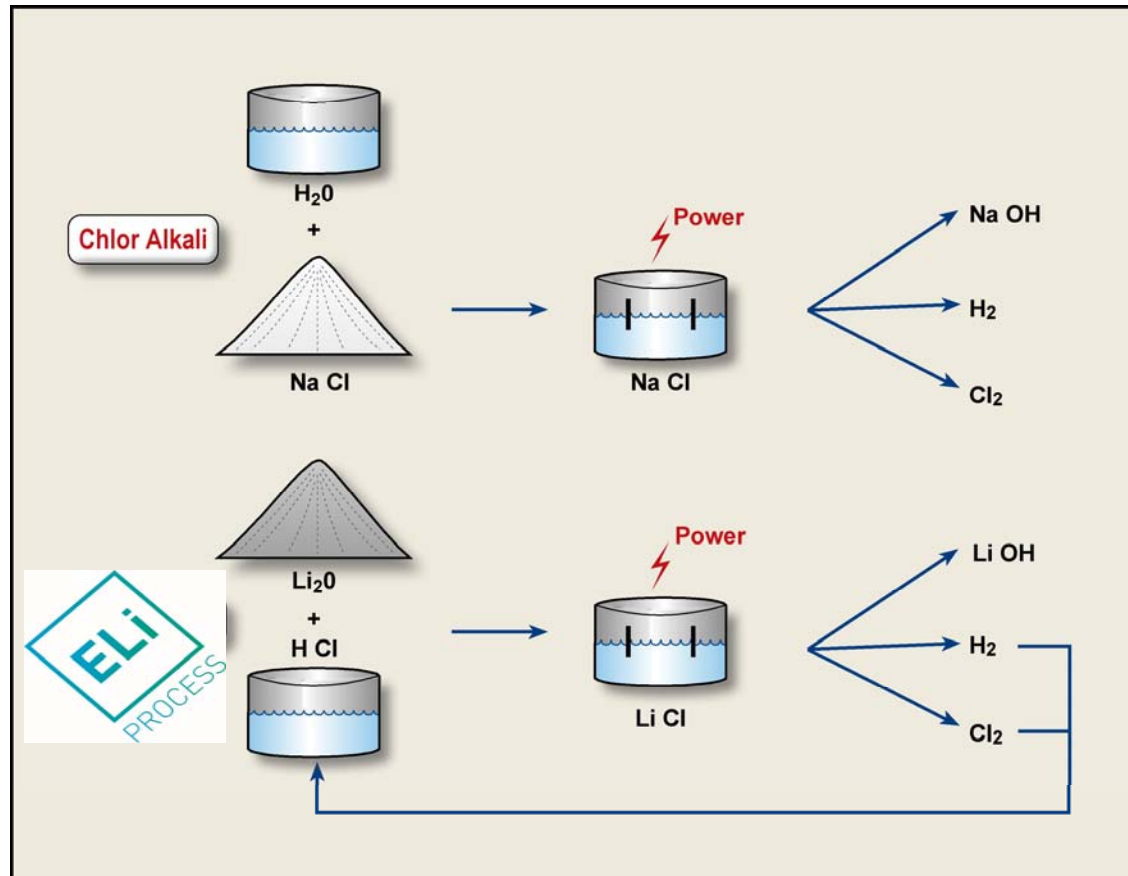
70% Neometals Ltd

30% Mineral Resources Ltd

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Own low-cost Patented Technology



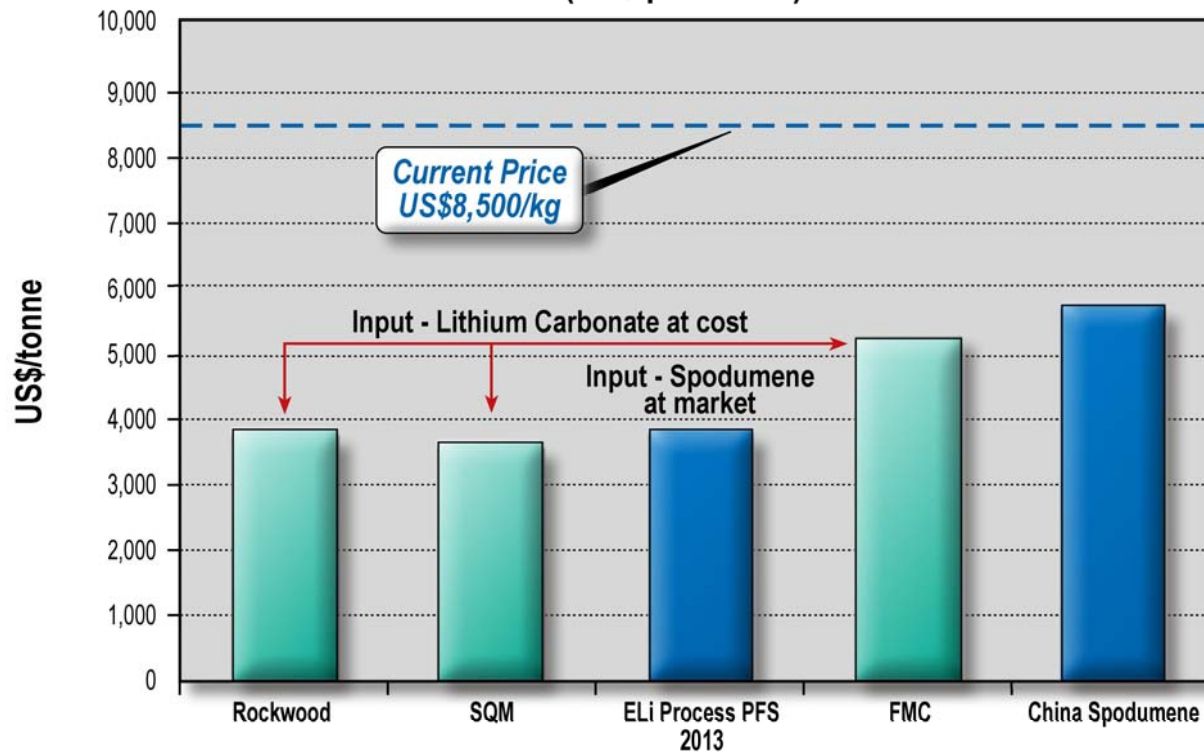
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Own low-cost Patented Technology



Lithium Industry Competitive Cost Position
2015 Cash Costs for Lithium Hydroxide
(US\$ per tonne)



Source: Global Lithium LLC (costs), Industrial Minerals (price), Neometals Management (ELi cost)

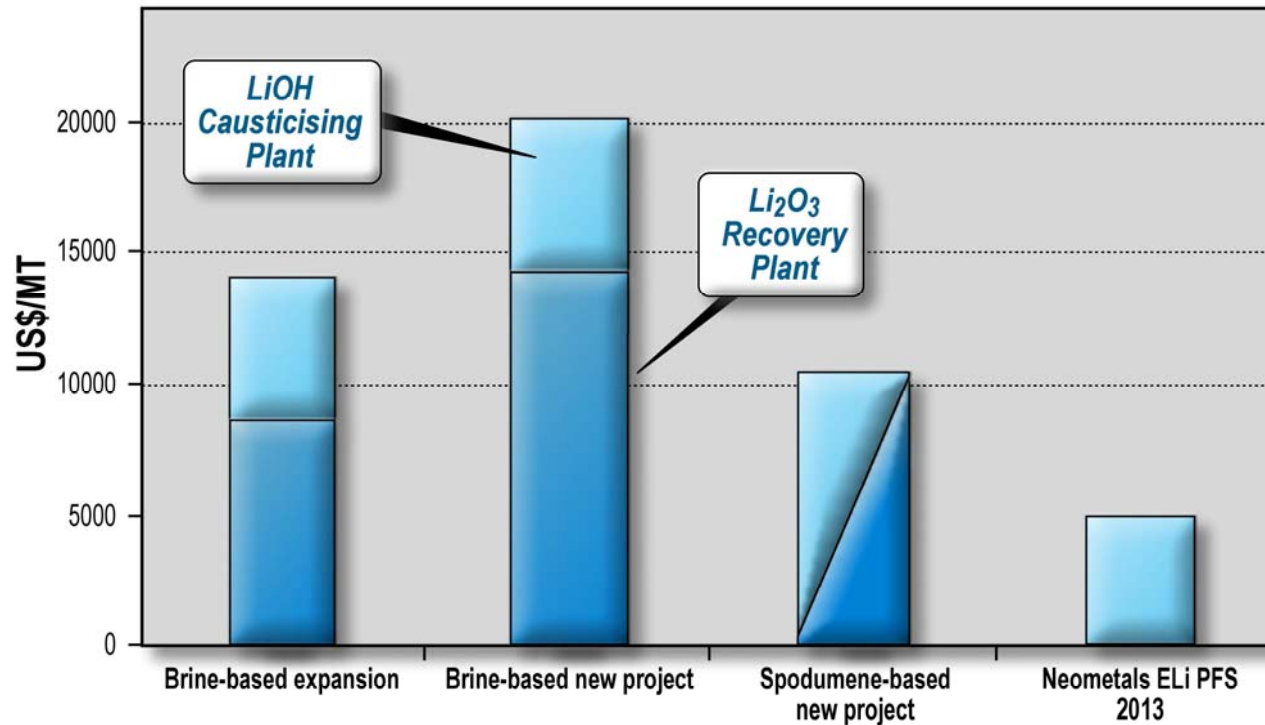
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Own low-cost Patented Technology



Capital Efficiency (US\$/production tonne LCE per annum)



Sources: FMC Corporate Presentation 2011, Neometals Management Analysis

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Pre-feasibility Study - Financial Metrics (*)

Life of Plant (LOP)	20 years
Pre-production Capital cost *	US\$ 83 million
Average Annual Pre-tax Net Cashflow	US\$ 63 million
Pre-tax Internal Rate of Return	94%
Pre-tax NPV (12% real discount rate)	US\$ 321 million
Payback of capital costs	2 years
Average Annual Production	10,000t LiOH 8,810t Li ₂ CO ₃
Average Cost per tonne of LiOH	US\$ 3,878/t
Average Cost per tonne of Li ₂ CO ₃	US\$ 4,538/t

(*) Capital costs valid at September 2012. Estimated to accuracy of $\pm 35\%$

Assumptions: Spodumene feedstock US\$350/t CIF (6% Li₂O); LiOH/Li₂CO₃ selling price US\$6,900/t CIF, MYR = US\$0.32

Commercialisation Plan



(*) Subject to RAM Board Approval

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Ti

Barrambie Titanium Project

100% Neometals



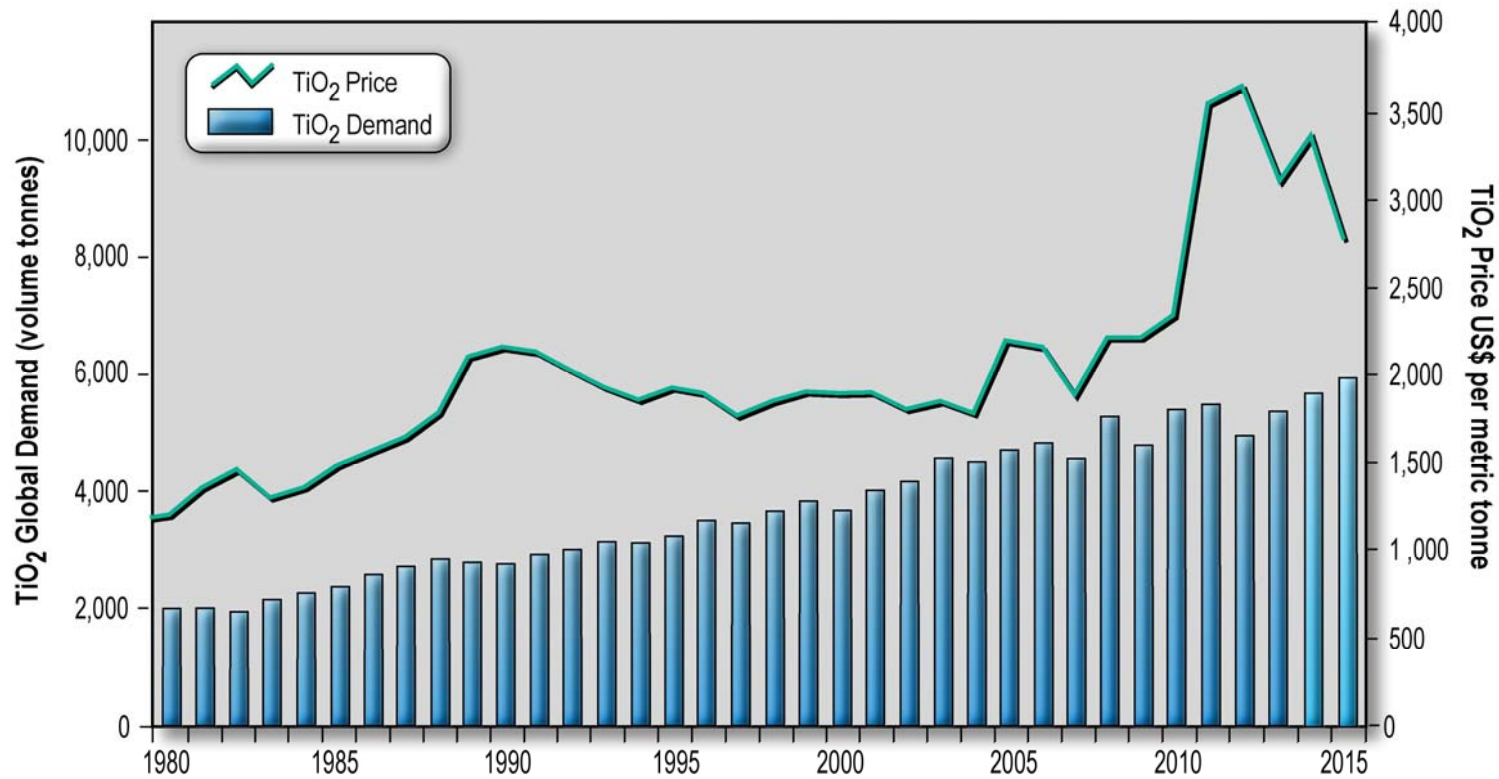
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Titanium Fundamentals



TiO₂ Demand vs Price



Source: US Geological Survey, Industrial Minerals and Huntsman

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High Quality Resource



1

+150Mt
@34% TiO₂
Lac Tio
RioTinto

2

47Mt @
22% TiO₂
Barrambie*

Neometals

3

18%
Tellnes
KRONOS®

* Mineral Resource Estimate
(JORC2012) on page 29

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Project Strategy

Ti

Mine, Concentrate
and Truck
Titanium
Concentrate



Produce Titanium
Pigment with
Industry Partner



Integrated Titanium
Producer



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Li + Ti = Nm

Licensed low-cost Technology



Competitors



Nm Neometals



- ✓ Mini-pilot scale testing in Canada – 2014/15
- ✓ High purity +99% TiO₂
- ✓ PFS Completed by Sedgman – August 2015

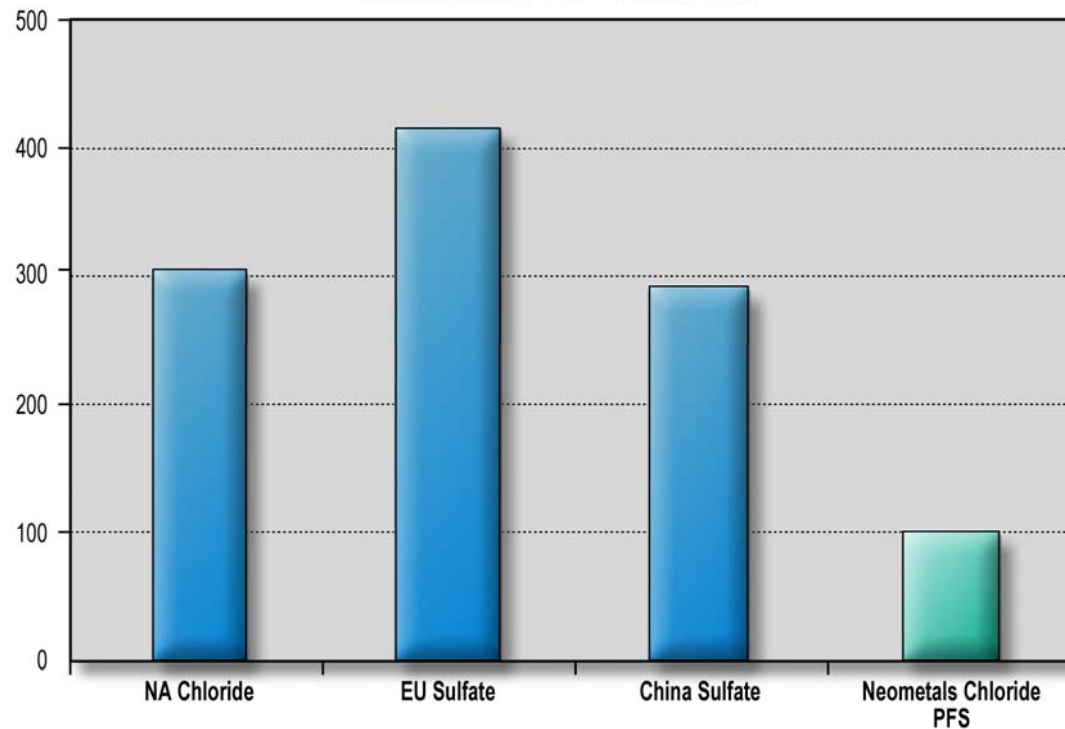
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Licensed low-cost Technology

Ti

Relative Standard-Plant Cash Operating Costs
(US\$ per tonne TiO₂ delivered basis)
Neometals PFS = Base 100



*Disclaimer: The TZMI costs (NA, EU, China) are for standard plant models in each location. They are not specific costs, neither are they averages of the costs for a location. Q4 2014
TZMI information and Neometals scoping and pre-feasibility studies performed separately and may not be like-for-like analysis*

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Pre-feasibility Study - Financial Metrics (*)

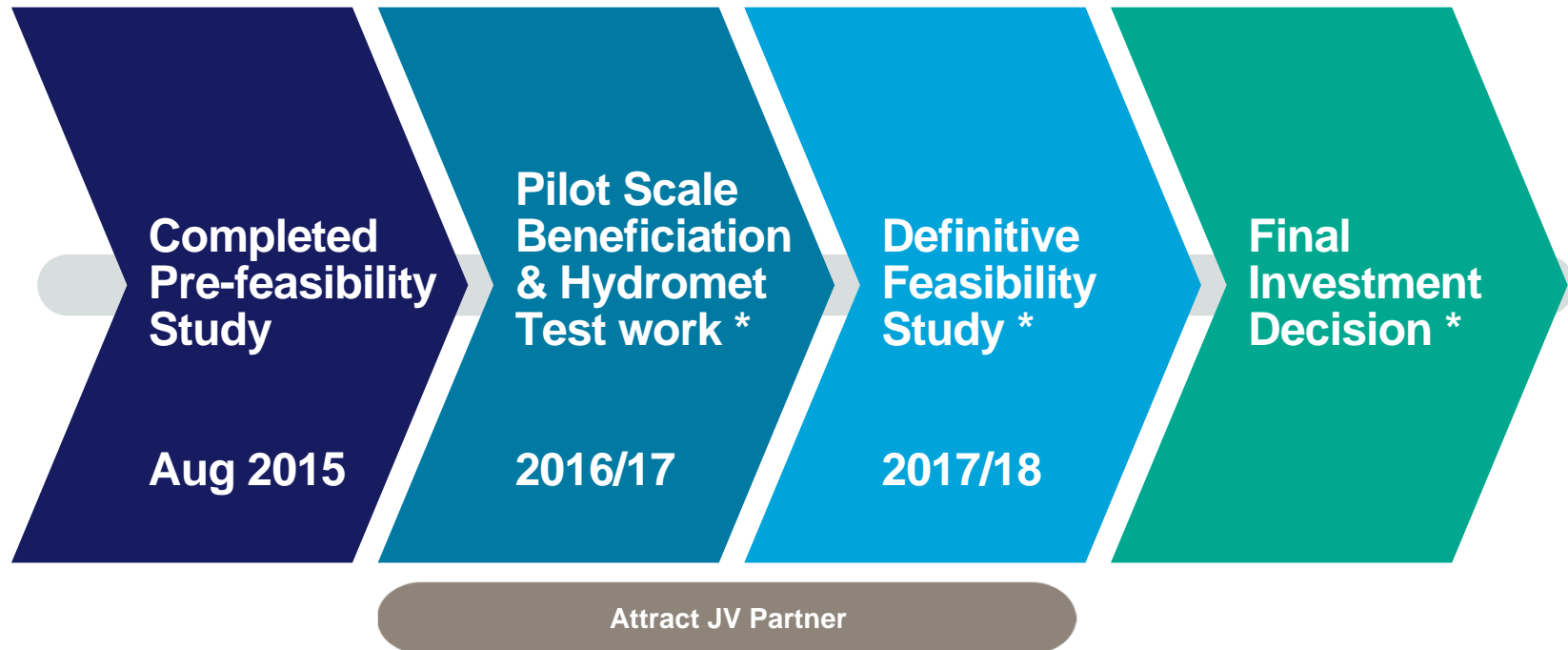
Life of Mine (LOM)	19.6 years
Pre-production Capital cost (excluding EPCM and Contingency)	A\$ 549 million
Average Annual Pre-tax Net Cashflow	A\$ 123 million
Pre-tax Internal Rate of Return	21%
Pre-tax NPV (12% real discount rate)	A\$ 355 million
Payback of capital costs	3.9 years
Average Annual Production	98,000t TiO ₂ 2,000t V ₂ O ₅ 234,000t Fe ₂ O ₃
Cash Operating Cost per tonne of paid TiO₂ net of co-product credit	US\$ 572/t

(*) Estimated to accuracy of $\pm 25\%$

Assumptions: US\$1,838/t TiO₂; US\$14,873/t V₂O₅, US\$520/t Fe₂O₃ Pigment, A\$/US\$0.75, Royalties (State/Technology) 10% Gross

Commercialisation Plan

Ti



(*) Subject to Board Approval

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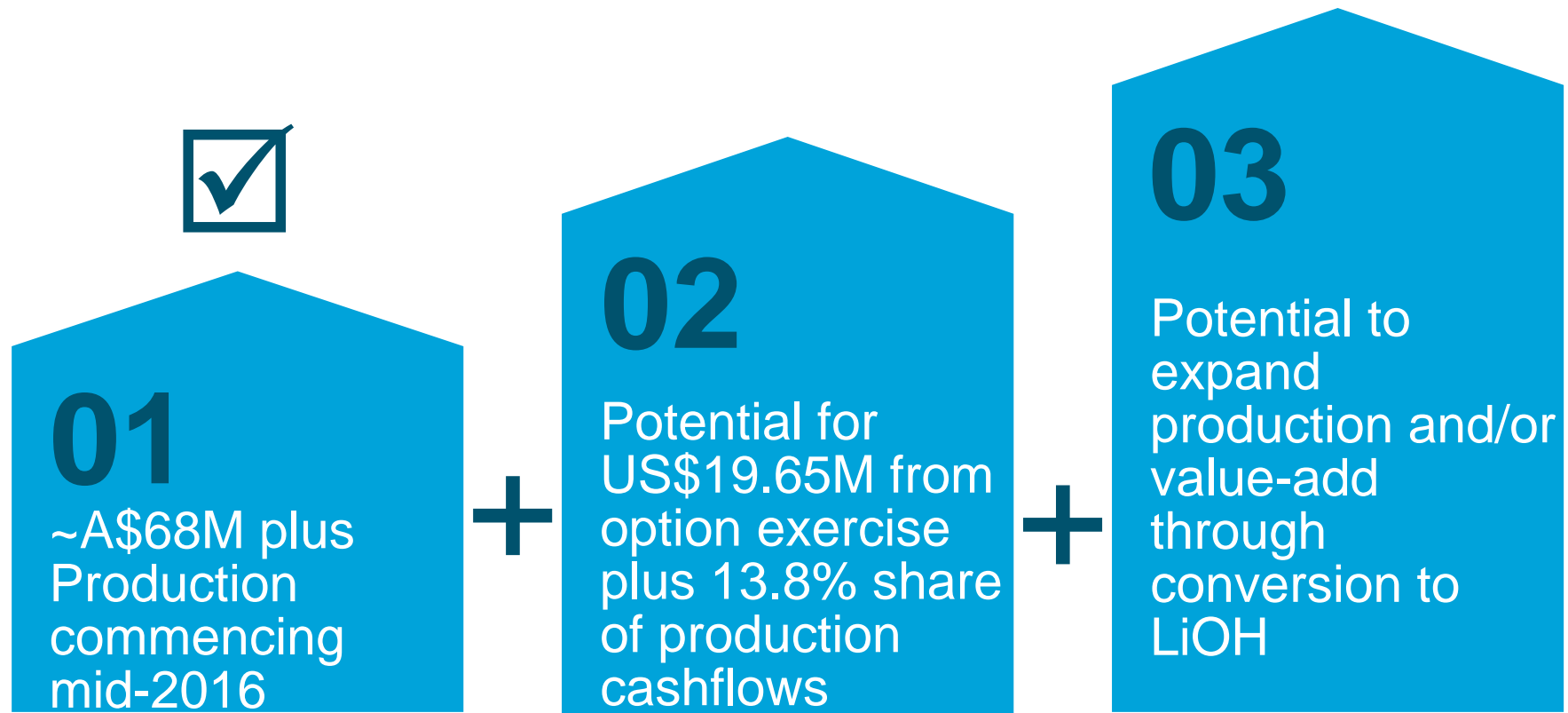


Investment Proposition

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Lithium : Cash and cashflow



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Titanium : A growth story for 2016/17



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Thank you

www.neometals.com.au

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Mineral Resource Estimate

for the Mt Marion Lithium deposit, as at September 2015, for a block cut-off grade of 0% Li₂O

Classification	Deposit	Tonnes (Mt)	Li ₂ O %	Fe ₂ O ₃ %
Indicated	Area 1	4.43	1.46	1.32
	Area 2	1.30	1.47	1.60
	Area 2W	3.39	1.48	1.24
	Area 4	0.94	1.25	1.36
	Indicated Total		10.05	1.45
Inferred	Area 1	2.16	1.34	1.59
	Area 2	1.01	1.44	1.72
	Area 2W	4.52	1.40	1.13
	Area 4	1.33	1.34	1.33
	Area 5	0.96	1.33	2.44
	Area 6	3.21	1.24	1.69
	Inferred Total		13.19	1.34
	Grand Total	23.24	1.39	1.43

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Mineral Resource Estimate

for the Barrambie Ti-V deposit, as at September 2015, for a block cut-off grade of 15% TiO₂

Classification	Zone	Oxidation	MTonnes	Density (t/m ³)	TiO ₂ (%)	V ₂ O ₅ (%)	Fe ₂ O ₃ (%)	Al ₂ O ₃ (%)	SiO ₂ (%)
Indicated	Eastern	Oxide	18.7	2.82	23.29	0.59	42.93	10.70	16.36
		Transition	8.7	3.52	23.11	0.61	50.80	7.34	12.99
		Fresh	2.4	3.85	21.77	0.56	52.90	5.99	12.84
		Sub-total	29.8	3.10	23.11	0.60	46.02	9.35	15.10
	Central	Oxide	3.5	2.95	16.84	0.92	49.82	11.06	14.91
		Transition	1.3	3.50	17.39	0.89	54.76	8.49	12.15
		Fresh	0.1	4.04	15.59	0.88	59.93	7.22	10.96
		Sub-total	4.9	3.12	16.95	0.91	51.40	10.28	14.08
		Total	34.7	3.11	22.25	0.64	46.77	9.48	14.95
Inferred	Eastern	Oxide	2.6	2.71	20.88	0.48	40.00	12.20	19.42
		Transition	3.3	3.29	23.04	0.59	47.51	8.62	14.45
		Fresh	5.5	3.71	22.82	0.57	47.50	8.39	14.57
		Sub-total	11.4	3.36	22.44	0.55	45.78	9.33	15.65
	Central	Oxide	0.1	3.07	16.64	0.98	53.63	9.96	13.33
		Transition	0.4	3.47	18.36	0.86	54.15	8.79	12.43
		Fresh	0.7	3.86	17.30	0.91	53.48	9.44	13.17
		Sub-total	1.2	3.64	17.55	0.90	53.71	9.30	12.96
		Total	12.5	3.38	21.99	0.58	46.51	9.32	15.40
Grand Total			47.2	3.18	22.18	0.63	46.70	9.44	15.07

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