



*Charging forward
with Lithium*

Pathway to Production

8th Lithium Supply & Markets Conference
24 – 26 May 2016 Las Vegas

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Altura Mining - Pilgangoora



TOP 5
global sized deposit
of hard rock lithium
100% Altura

Mineral Resource
estimate of
35.7mt @
1.05% Li_2O

Ore Reserve estimate
of
18.47mt @
1.07% Li_2O

Production set for
2017
Planned 15+ year
Mine life

*Refer to ASX announcements 11 February 2016 and 11 April 2016

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Altura Mining - Corporate



Capital Structure (as at 20 May 2016)

Shares on issue	977.1M
Share price	\$0.24
Options (expire 30 June 2016 - \$0.02)	150.6M
Market capitalisation	\$234.5M
Cash (inc. A\$3M option exercise)	circa \$5.7m
52 week trading range	A\$0.282 – A\$0.011

Directors and Major Shareholders

Directors:

James Brown	Managing Director
Paul Mantell	Executive Director
Allan Buckler	Non-executive Director
BT Kuan	Non-executive Director
Dan O'Neill	Non-executive Director

Major Shareholders:

Directors	22%
Top 20 shareholders	58%

Share Price Graph from December 2015



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Pilgangoora – Region

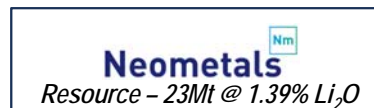


Western Australia – worlds new lithium supply hub

- Two (2) advanced developments scheduled for production in 2017 – Altura Mining and Pilbara Minerals

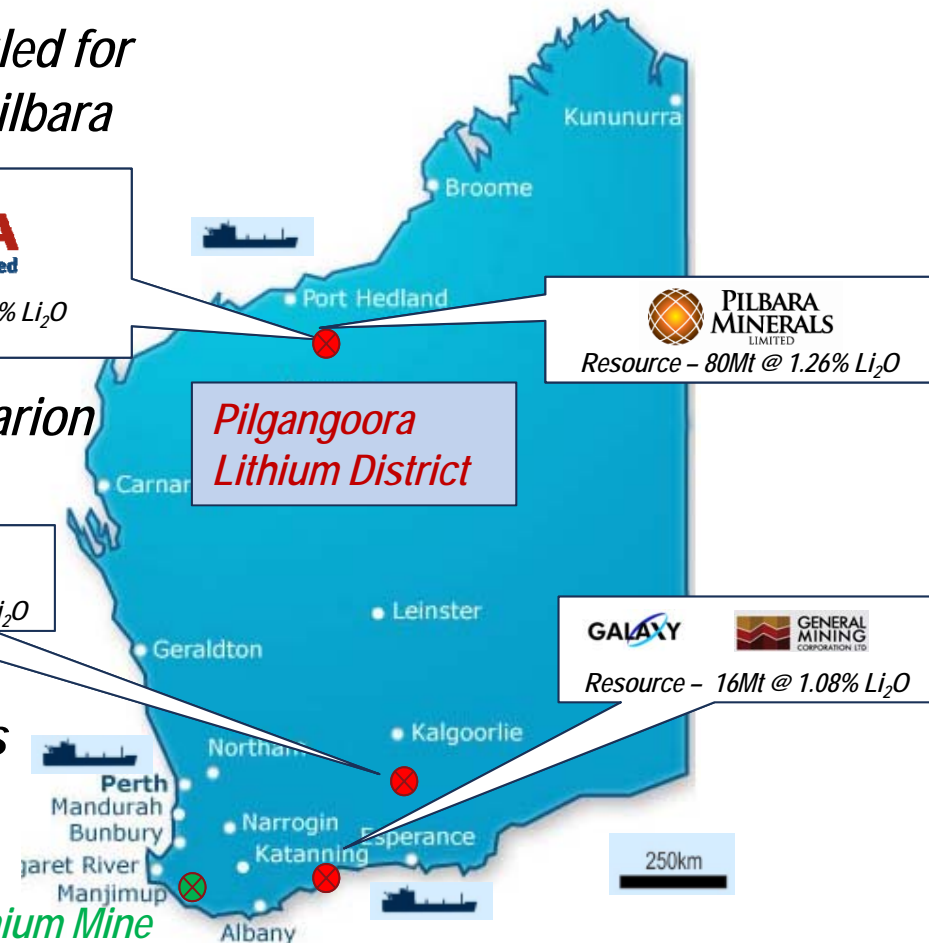


- One (1) mine under construction – Mt Marion



- Two (2) Producing mines – Greenbushes and Mt Cattlin

Greenbushes Lithium Mine



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Pilgangoora – Altura Origins



Origins - history

- 2009 Exploration tenements formally approved for on ground work
- October 2010 Discovered high levels of lithium in rock chip samples ($>5\%$ Li_2O)
- August 2010 Drilling commenced – initial reconnaissance program
- January 2011 Resource definition drilling commenced
- August 2011 Maiden JORC Mineral Resource estimate of 10.5Mt @ 1.25% Li_2O
- October 2012 Revised JORC Mineral Resource estimate of 25.2Mt @ 1.23% Li_2O
- November 2012 Scoping Study completed with positive results



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Pilgangoora – Statistics



Pilgangoora region – Western Australia

- Now the world hotspot for hard rock lithium exploration with 20+ companies now exploring
- Total Mineral Resource discovery of 116mt – **Altura attributed 31%**
- Total Ore Reserves of 48mt – **Altura attributed 39%**

Altura's contribution

- First discovery of lithium mineralisation at Pilgangoora
- First to delineate a spodumene Mineral Resource at Pilgangoora
- FS completed with tight tolerance of +/- 20% accuracy
- Executed Binding Offtake Agreement for spodumene concentrate

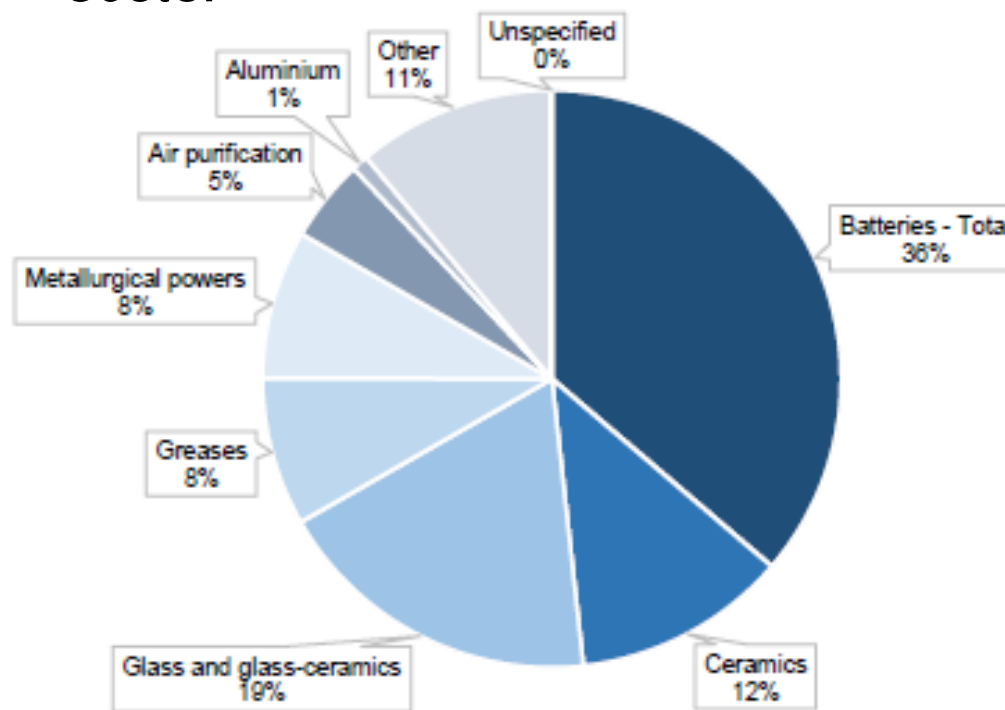


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Lithium Market



Applications by sector



Altura primary product to supply technical grade lithium feedstock for the rapidly expanding battery production sector

Significant opportunity to capitalise on increasing CAGR in EV battery sector

Outstanding growth in EV and large EV power battery applications

Altura plans to enter the market with 215ktpa of 6% Li_2O spodumene concentrate

Offtake partners leaders in power battery production with over 85,000 EV battery systems already in China

Source: Canaccord Genuity

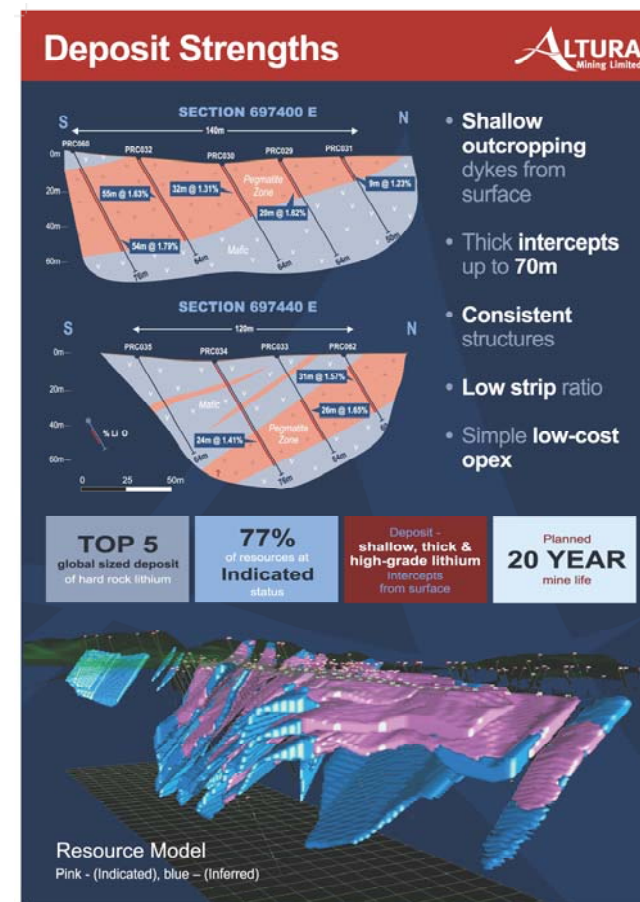
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Altura Mining – Pilgangoora FS



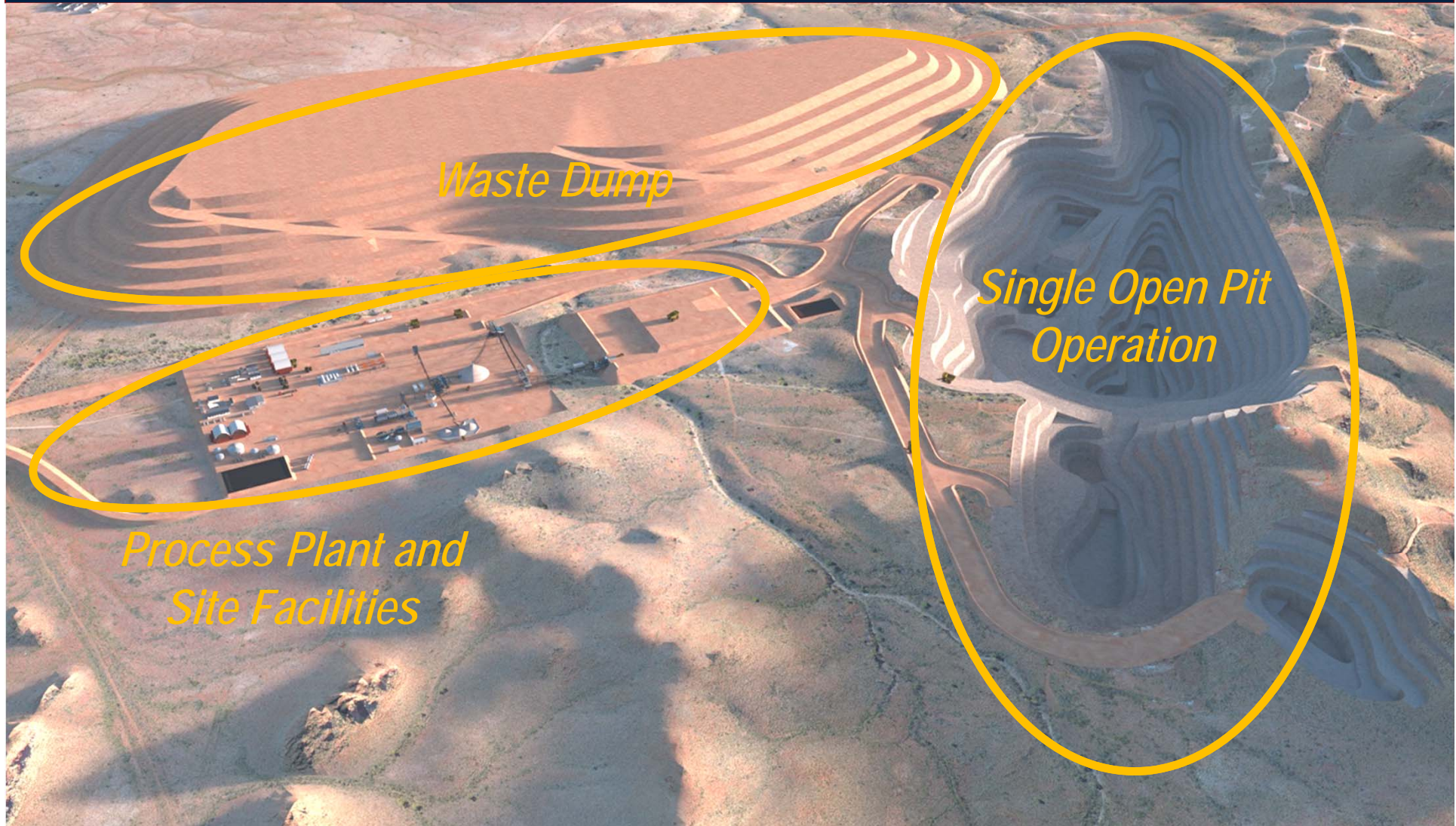
FS Key Outcomes – April 2016

- Mineral Resource estimate of 35.7mt @ 1.05% Li_2O^*
- Ore Reserve estimate of 18.47mt @ 1.07% Li_2O^*
- Positive results from recently completed detailed FS *
 - Annual ore feed of 1.4 mtpa
 - Annual steady state lithium oxide production 215ktpa
 - 15+ years LOM
 - LOM strip ratio of 2.7:1
 - LOM Net Revenue of A\$1,562 million
 - Capex A\$129 million
 - Payback period < 2 years
- DFS to be delivered in Q3 2016
- Production Q3 2017



*Refer to ASX announcement 11 April 2016

Pilgangoora – Development



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Pilgangoora – Process Plant



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Our Partners



Altura and Lionergy

- Binding Offtake agreement signed on 22 April 2016 with Chinese based downstream lithium production and investment group Lionergy Limited
- Supply of 100,000 tonnes of spodumene concentrate annually
- Valuable partnership formed with Lionergy investing A\$3M in Altura via share placement
- Lionergy has interests in production of lithium iron phosphate (LiFePO_4) or LFP for power battery production in China



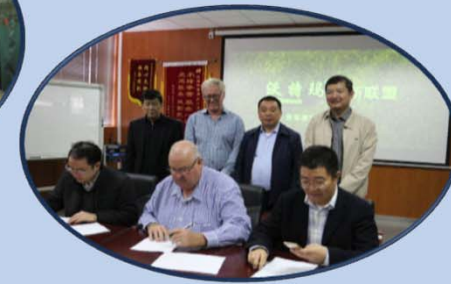
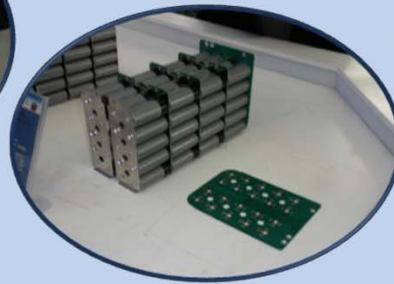
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Our Partners



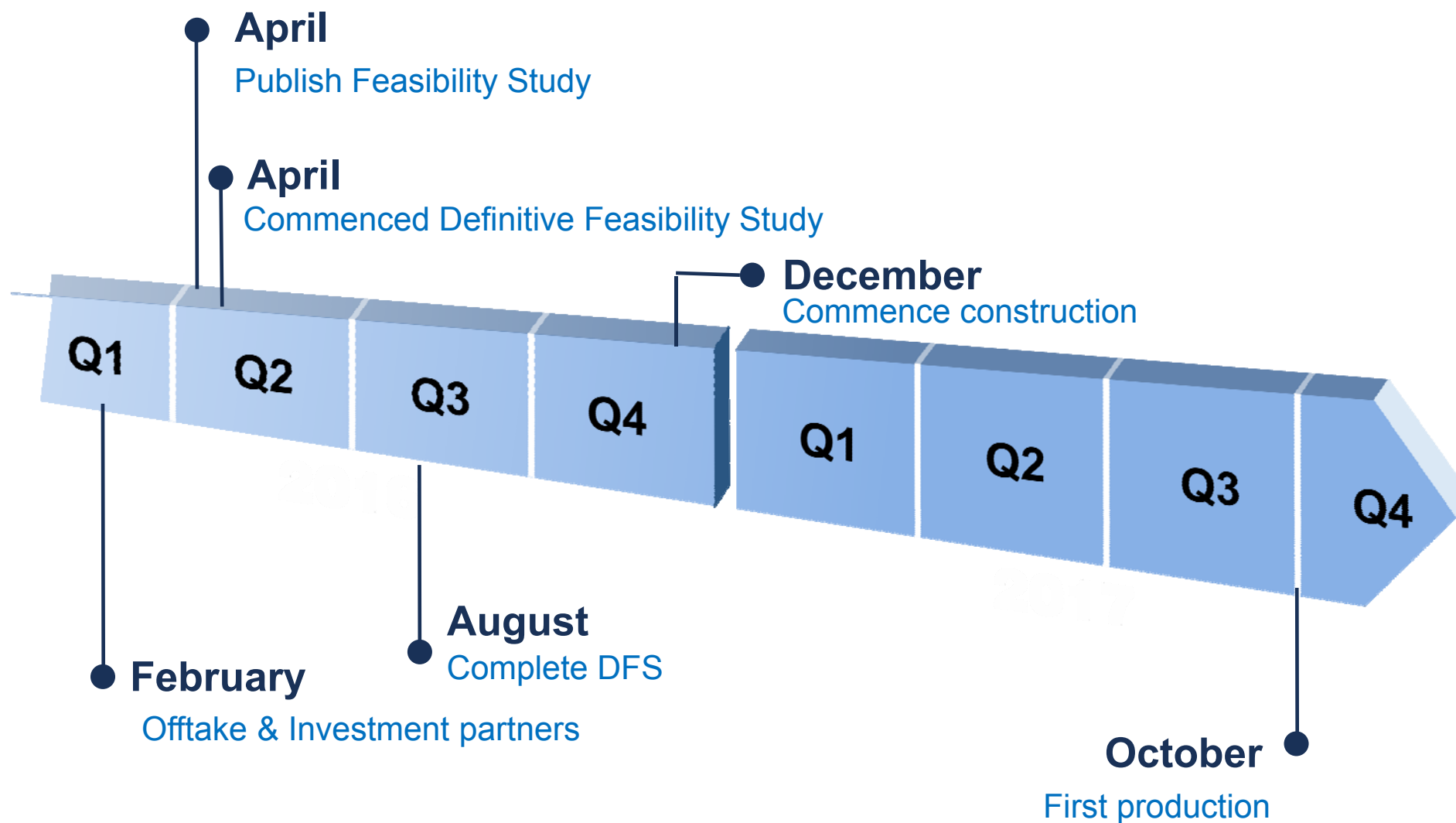
Altura – OptimumNano - Lionergy

- Tripartite non-binding Memorandum of Understanding (MOU) for supply of spodumene concentrate to leading Chinese power battery application developer and producer OptimumNano www.optimumnanoenergy.com
- MOU for spodumene concentrate supply of 100,000 – 150,000 tonnes annually – “mine to market” concept
- Lionergy also party to MOU and will focus on downstream spodumene processing for LFP applications



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Project Timeline



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Pilgangoora – Our strengths



- Completed Feasibility Study
- FS input drilling completed
- Significant upside potential to increase resources in tenement package
- Over 70% of Resource Indicated
- Very simple Orebody to mine, outcropping at the surface.
- Low Capital Cost
- Strategic partners secured



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Thank you

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Reserve and Resource estimates



JORC Category	Cut-off Li ₂ O (%)	Tonnes (Mt)	Li ₂ O (%)	Fe ₂ O ₃ (%)	Contained Li ₂ O (tonnes)
Measured	0.40	-	-	-	-
Indicated	0.40	26.70	1.05	1.73	280,000
Inferred	0.40	9.00	1.02	1.68	92,000
Total Resource	0.40	35.70	1.05	1.72	372,000
Proved	0.40	-	-	-	-
Probable	0.40	18.47	1.07	1.70	198,000
Total Reserve	0.40	18.47	1.07	1.70	198,000

*Refer to ASX announcement 11 February 2016 and 11 April 2016

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Competent Persons Statement



Pilgangoora – Western Australia

The information in this report that relates to the Mineral Resource for the Pilgangoora lithium deposit is based on information compiled by Mr Stephen Hyland and Mr Bryan Bourke. Mr Hyland is a Fellow of the Australasian Institute of Mining and Metallurgy and Mr Bourke is a Member of the Australian Institute of Geoscientists. Mr Hyland is a principal consultant at Ravensgate and has sufficient experience that is relevant to the style of mineralisation under consideration and to the activity of mineral resource estimation to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Bourke is the Exploration Manager of Altura Mining Limited and has had sufficient experience that is relevant to the style of mineralisation and to the type of deposit under consideration to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Hyland and Mr Bourke consent to the inclusion in the report of the matters based on this information in the form and context in which it appears.

The information in this report that relates to the Ore Reserve for the Pilgangoora lithium deposit is based on information compiled by Mr Jake Fitzsimons. Mr Fitzsimons is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Fitzsimons is a principal consultant at Orelogy Consulting Pty Ltd and has sufficient experience that is relevant to the style of mineralisation under consideration and to the activity of ore reserve estimation to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Fitzsimons consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the ASX announcements on 11 February 2016 and 11 April 2016. Further, all material assumptions and technical parameters underpinning the mineral resource and ore reserve estimates in those announcements continue to apply and have not materially changed.