

The logo for LCME, featuring the letters 'LCME' in a large, bold, blue, sans-serif font. Above the letters is a stylized graphic of three nested triangles, with the largest triangle being the outermost and the smallest being the innermost.A photograph showing several large, conical piles of white, crystalline lithium salt (likely lithium chloride or lithium carbonate) arranged in a row on a flat, wet, reflective surface. The background is a clear blue sky.

**LITHIUM CONSOLIDATED MINERAL EXPLORATION LIMITED**  
**ASX: Li3**

**Company Presentation November 2017**

---

**ANNUAL GENERAL MEETING**

## **IMPORTANT NOTICE**

- Any material used in this presentation is only an overview and summary of certain data selected by the management of Lithium Consolidated Mineral Exploration Limited (“LCME”).
- The presentation does not purport to contain all the information that a prospective investor may require in evaluating a possible investment in LCME nor does it contain all the information which would be required in a disclosure document prepared in accordance with the requirements of the Corporations Act and should not be used in isolation as a basis to invest in LCME. Recipients of this presentation must make their own independent investigations, consideration and evaluation of LCME.
- LCME recommends that potential investors consult their professional advisor/s as an investment in LCME is considered to be speculative in nature.
- Statements in this presentation are made only as of the date of this presentation unless otherwise stated and the information in this presentation remains subject to change without notice. Reliance should not be placed on information or opinions contained in this presentation.
- To the maximum extent permitted by law, LCME disclaims any responsibility to inform any recipient of this presentation on any matter that subsequently comes to its notice which may affect any of the information contained in this document and presentation and undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise.
- No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions or conclusions contained in or derived from this presentation or any omission from this presentation or of any other written or oral information or opinions provided now or in the future to any person.
- To the maximum extent permitted by law, neither LCME nor, any affiliates, related bodies corporate and their respective officers, directors, employees, advisors and agents, nor any other person, accepts any liability as to or in relation to the accuracy or completeness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this presentation or any omission from this presentation or of any other written or oral information or opinions provided now or in the future to any person.

# COMPANY OVERVIEW

**SHARE PRICE (20/11/17)**

**\$0.195**

**SHARES ON ISSUE  
(UNDILUTED) (a)**

**89,972,122**

**MARKET  
CAPITALISATION**

**\$17.5m**

**CASH<sup>(a)</sup>**

**\$3.1m**

Notes:

a) Excludes 5.5m options (with exercise prices of \$0.10-\$0.20) and 7.5m Performance Rights with varying vesting and ASX escrow conditions

b) As of 30 September 2017

## AUSTRALIA

### WA

- YILGARN LITHIUM
- 8 Exploration Licenses
- 7 Applications (659km<sup>2</sup>)

### SA

- 5 Exploration License Applications (4,858km<sup>2</sup>)

## NEVADA

### TONOPAH LITHIUM

- 439 placer claims
- 3.2 km from Silver Peak lithium mine

## BOTSWANA

- 6 Prospecting Licences and 2 Applications over the Makgadikgadi Pans in north eastern Botswana

# DIRECTORS & MANAGEMENT



**NON EXECUTIVE  
DIRECTOR**

## BRIAN MOLLER

Senior corporate partner at Hopgood Ganim with 30 years experience.  
Current Chairman of AIM-listed SolGold plc and Non Executive Director of several public companies.

Admitted to practice in Queensland and Western Australia.



**NON EXECUTIVE  
DIRECTOR**

## VINCENT MASCOLO

Qualified mining engineer with extensive experience in gold and coal mining, quarrying and civil-works. Director of various public and private companies over the past 25 years.

Current Chief Executive Officer and Managing Director of AIM-listed, IronRidge Resources Ltd.



**CHIEF EXECUTIVE  
OFFICER**

## SHANTHAR PATHMANATHAN

Previously an investment banker with Deutsche Bank and Macquarie Group in Australia and New York. Large scale M&A and capital raising transactions experience in the chemicals, oil and gas and mining industries.

Bachelor of Laws from the University of Western Australia.



**CHIEF FINANCIAL  
OFFICER AND  
COMPANY SECRETARY**

## DUNCAN CORNISH

Chartered Accountant with significant experience as public company CFO and Secretary, focused on junior resources companies. Over 20 years of experience both in England and Australia, predominantly with global firms Ernst & Young and PWC.



**ADVISOR**

## DAMIEN REYNOLDS

Over 25 years junior resources industry experience. Led companies that have raised in excess of \$350 million for exploration and development activities globally. Capital markets experience which spans North America, Europe and Australia.

# TECHNICAL A TEAM

H  
A  
R  
D  
R  
O  
C  
K



Former Chief Scientist with Western Mining Corporation Ltd, then at BHP Minerals and BHP Billiton Minerals as Chief Geologist. Initiated various successful mineral resource discoveries including seven large base metal or gold deposits: Olympic Dam Cu-Au-U-REE, Wirrda Well Cu-Au-U-REE (South Australia), Nifty Cu (Western Australia), Yandan Au (Queensland), Ernest Henry Cu-Au (Queensland), Kamoa Cu (Katanga Province, Democratic Republic of the Congo (Ivanplats Ltd), and gold deposits, particularly Yam 14 within the Yamarna greenstone belt (Western Australia).

**DR DOUGLAS HAYNES B.SC (HONS), PH.D, MAUSIMM**



Geologist / hydrogeologist with over 25 years' experience in minerals exploration. Masters Degree from University of NSW, PhD from the University of Queensland. Held positions with BHP Minerals, Freeport McMoran, BP Minerals and Zapopan, and has been involved with the discovery of several gold and uranium deposits in the Northern Territory.

**DR DARRYN HEDGER B.AppSc, M.AppSc, Ph.D, MAusIMM, MSEG, MAIG, IAH**

B  
R  
I  
N  
E



Mr. Jerry Aiken has more than 45 years of experience in the mining industry predominately in industrial minerals. Mr Aiken was previously with Rio Tinto Borax for 30 years. Mr Aiken's recent focus has been on lithium brines, potash (brines and hard rock), and borates. Mr Aiken's experience spans the Western US, Canada, Mexico, South America and parts of both Europe and Asia.

**JERRY L. AIKEN**

IAN  
MCGEORGE

Ian is a Botswana based geologist with 40 years of experience in early stage exploration for metals, diamonds and industrial minerals. Ian has worked with a number of foreign companies with Botswana assets.

**IAN MCGEORGE**

# TEAM STRUCTURE

BOARD OF  
DIRECTORS

SHANTHAR  
PATHMANATHAN  
CEO

DUNCAN  
CORNISH  
CFO &  
COSEC

TECHNICAL  
OVERSIGHT

BRINE

HARD  
ROCK

JERRY L. AIKEN

DOUGLAS  
HAYNES

NEW  
OPPORTUNITIES

TONOPAH  
LITHIUM

BOTSWANA  
LITHIUM

YILGARN  
LITHIUM

IAN MCGEORGE  
**LOCAL  
BOTSWANA**  
EXPERIENCE

NEWEXCO W.A.  
**EXPLORATION  
CONTRACTOR**  
AWARD WINNING  
TEAM

DARRYN  
HEDGER  
**BHP BILLITON**  
EXPLORATION  
EXPERIENCE

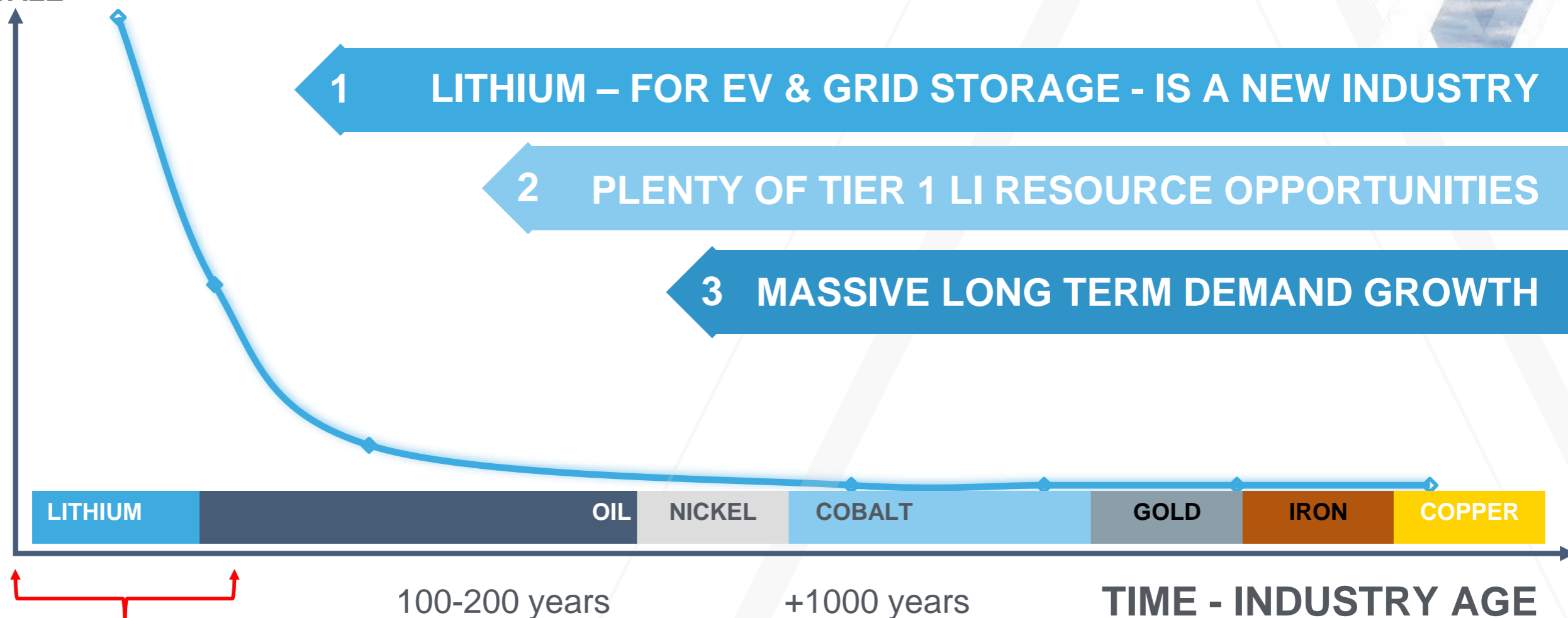
# MARKET OPPORTUNITY

RESOURCE  
GRADE &  
SCALE

1 LITHIUM – FOR EV & GRID STORAGE - IS A NEW INDUSTRY

2 PLENTY OF TIER 1 LI RESOURCE OPPORTUNITIES

3 MASSIVE LONG TERM DEMAND GROWTH



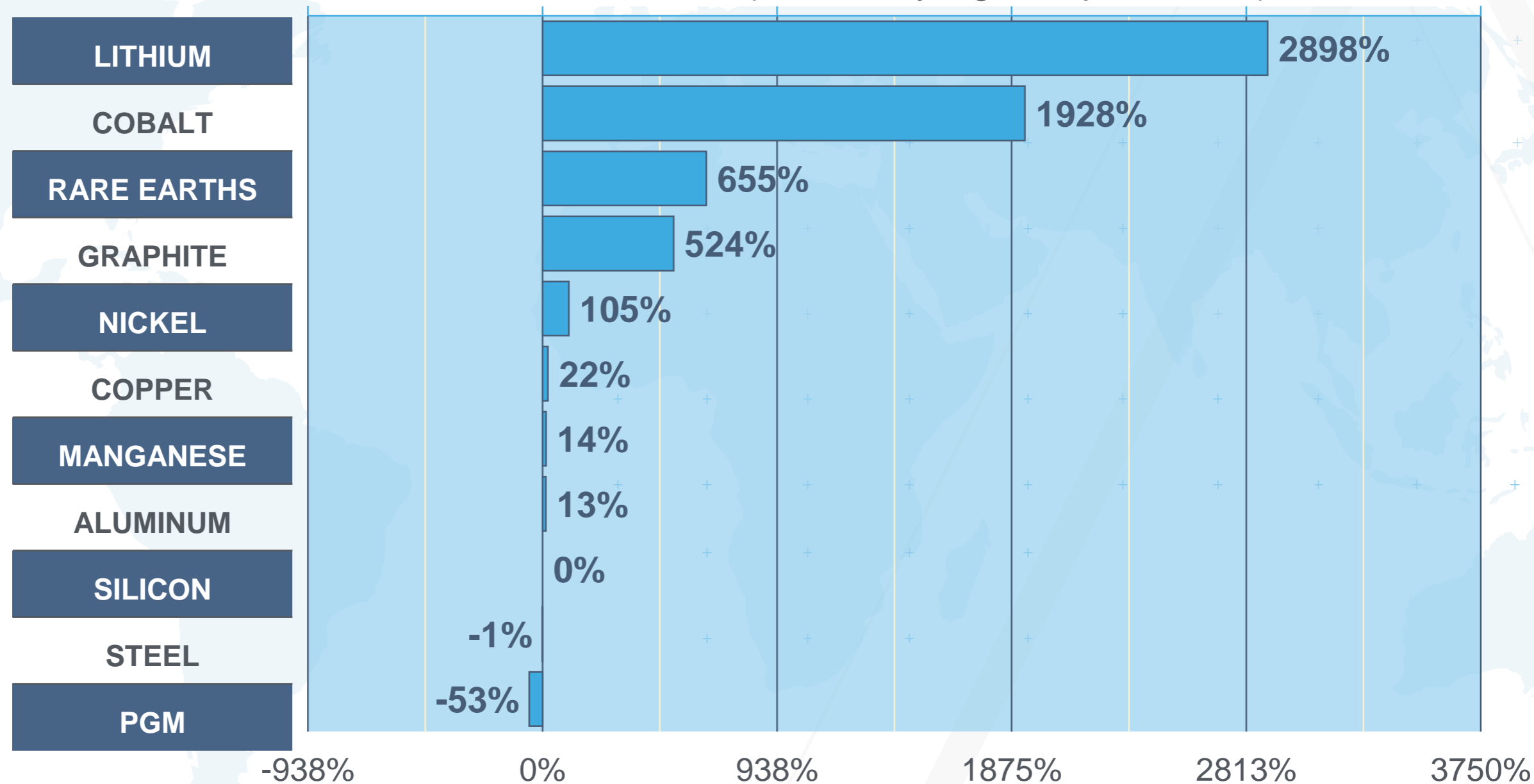
Opportunity to acquire  
properties

Notes:

- a) Illustration of change in Resource quality vs. commodity sector age
- b) Internal Company estimates

# GROWTH METALS

Incremental commodity demand in a 100% EV world  
(% of today's global production)

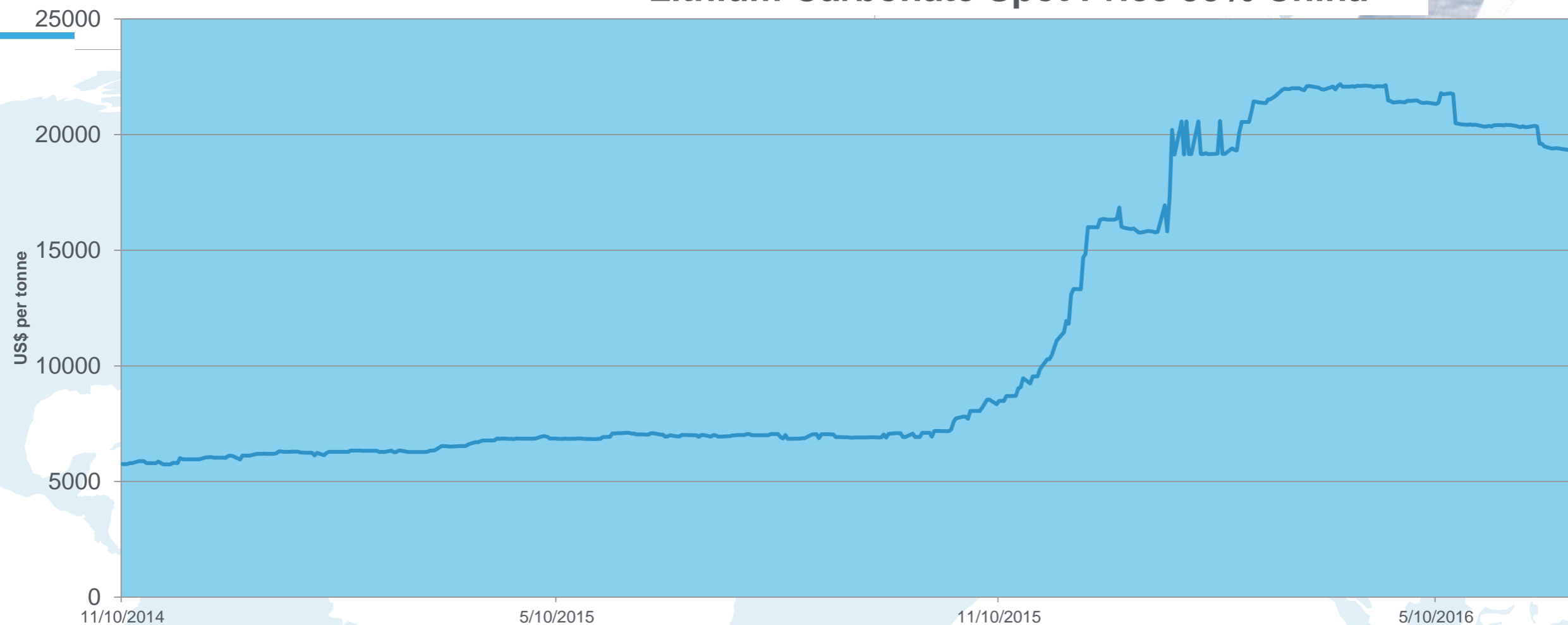


Source: UBS Global Research

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

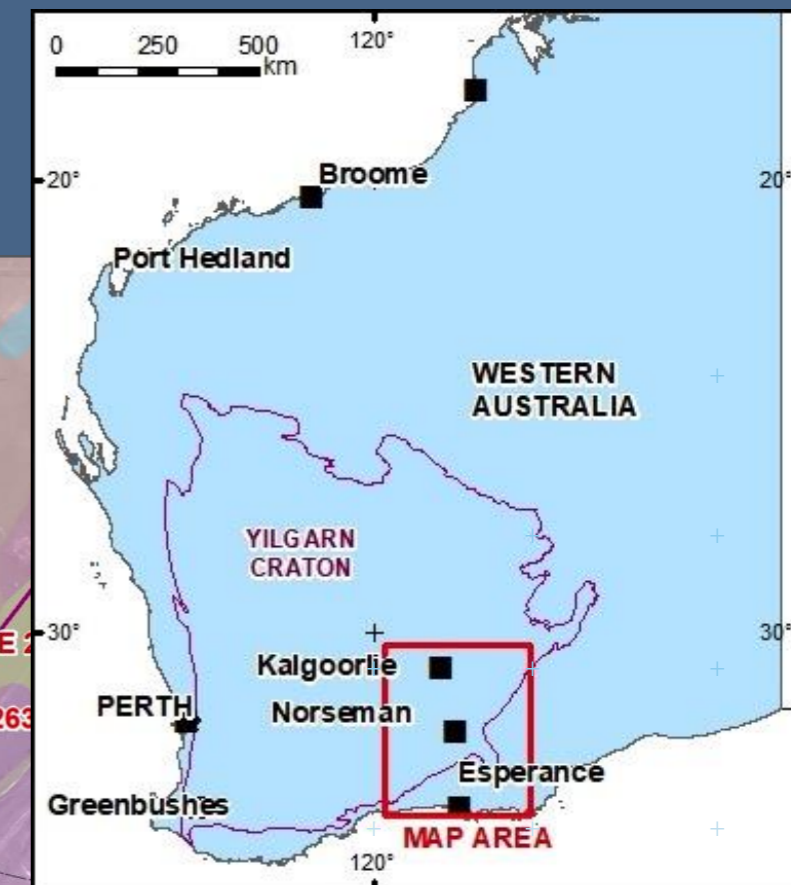
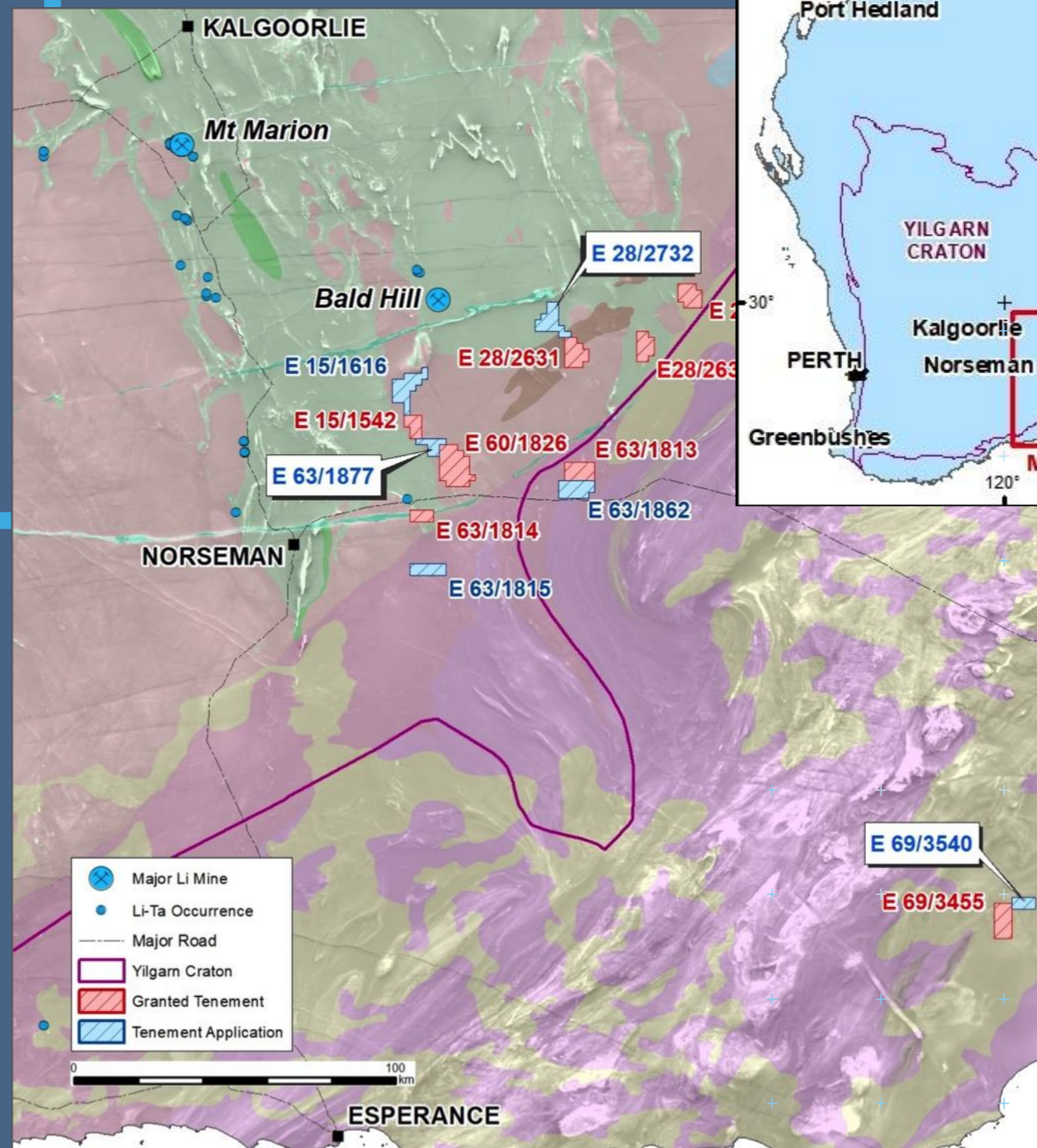
# LITHIUM PRICE PERFORMANCE

Lithium Carbonate Spot Price 99% China



# YILGARN LITHIUM PROJECT

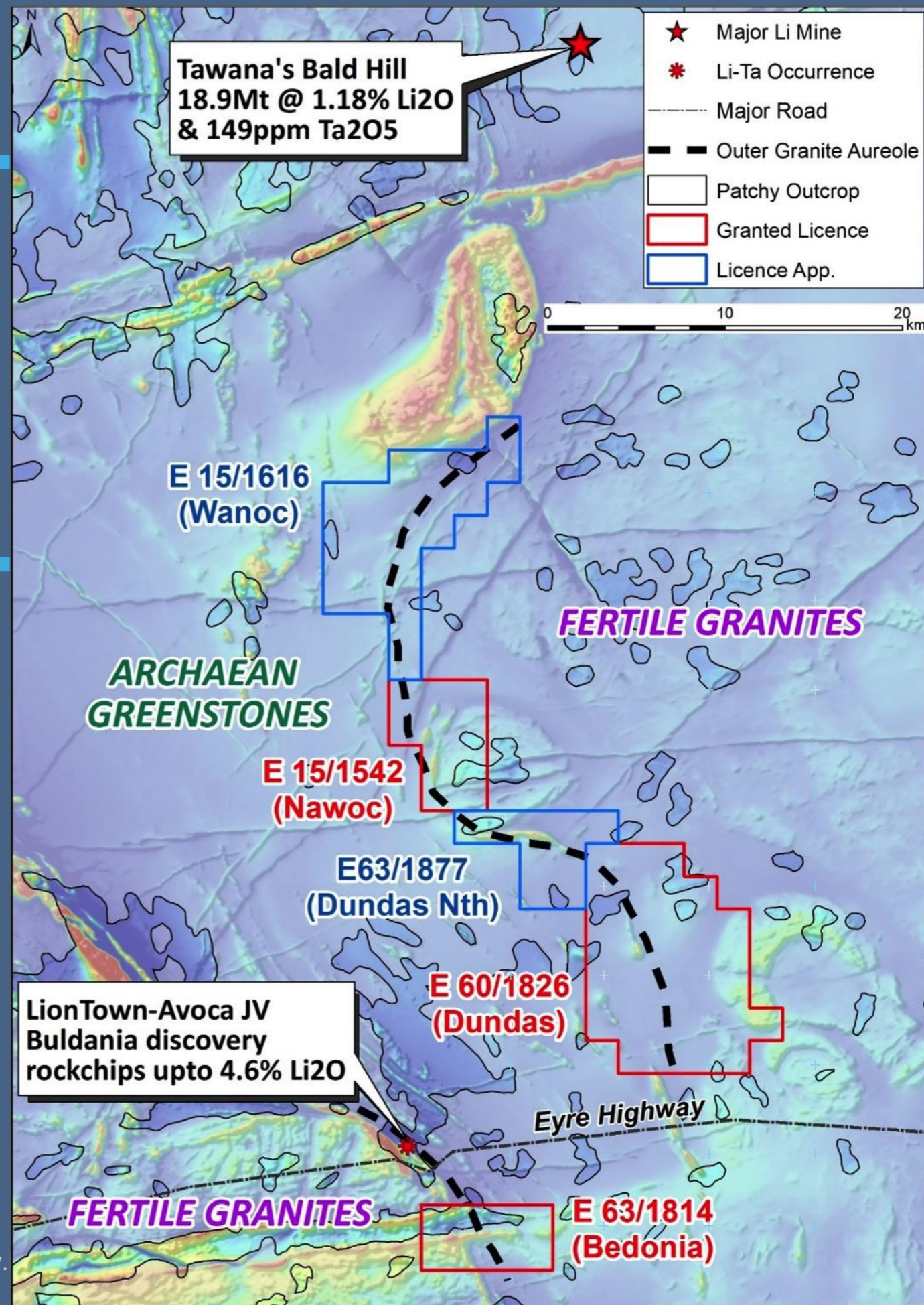
- 15 Exploration Licenses and Applications over 659km<sup>2</sup>
- 4x Greenbushes size targets
- Prospective for beta-spodumene bearing pegmatites
- Li fertile belts, with known outcrops and Li mines, which extend undercover



# YILGARN LITHIUM GEOLOGY

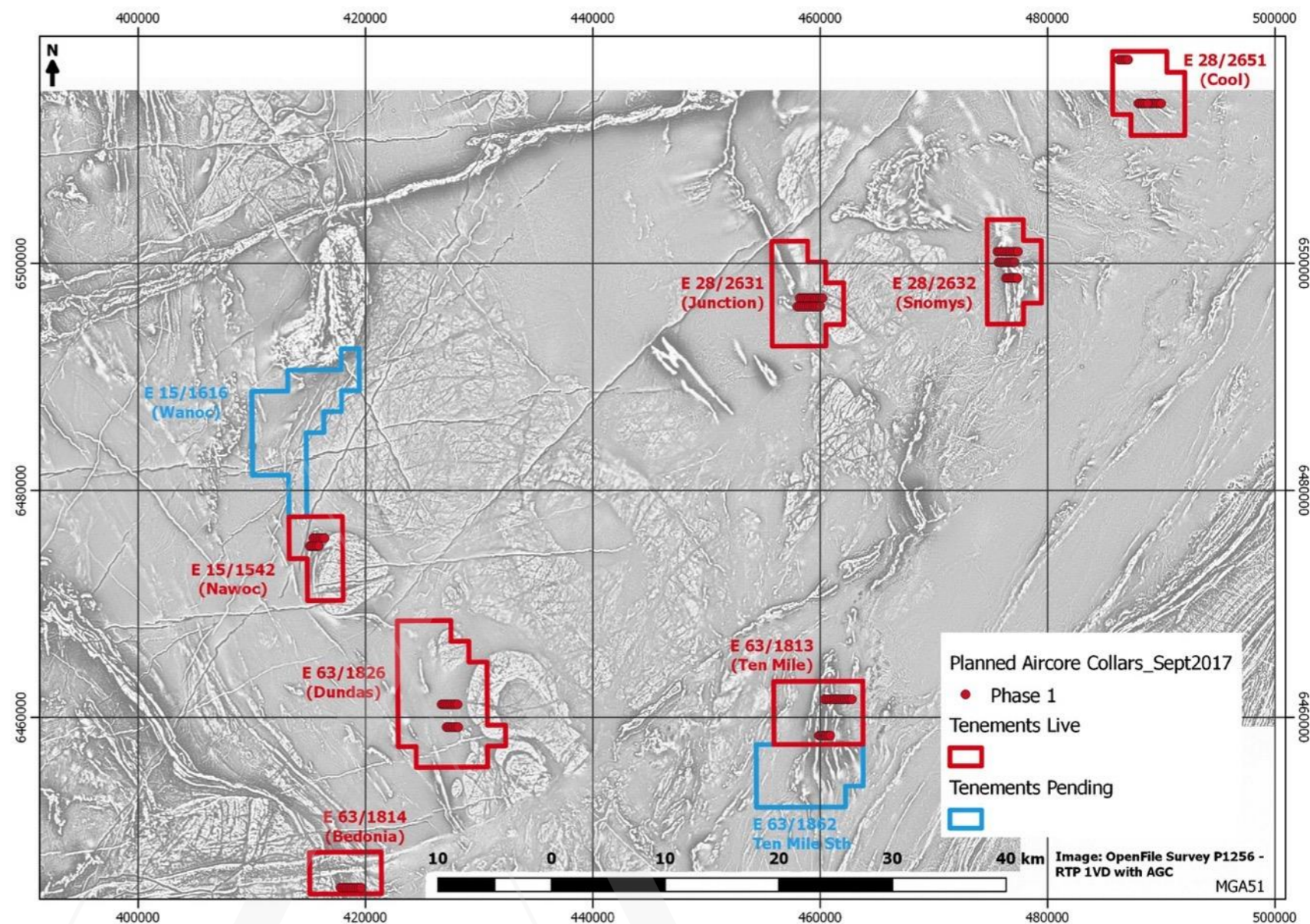
- “Fertile” granites located using geophysics/geochemistry in known and new Li-bearing pegmatite belts
- Exploration focus on fertile granites aureoles
  - an outer “Goldilocks” zone
  - structural intersections with Archaean greenstones
- Targeted covered or partially covered areas
  - greater potential for hidden world class Li deposits than in historic heavily explored outcrop areas

www.



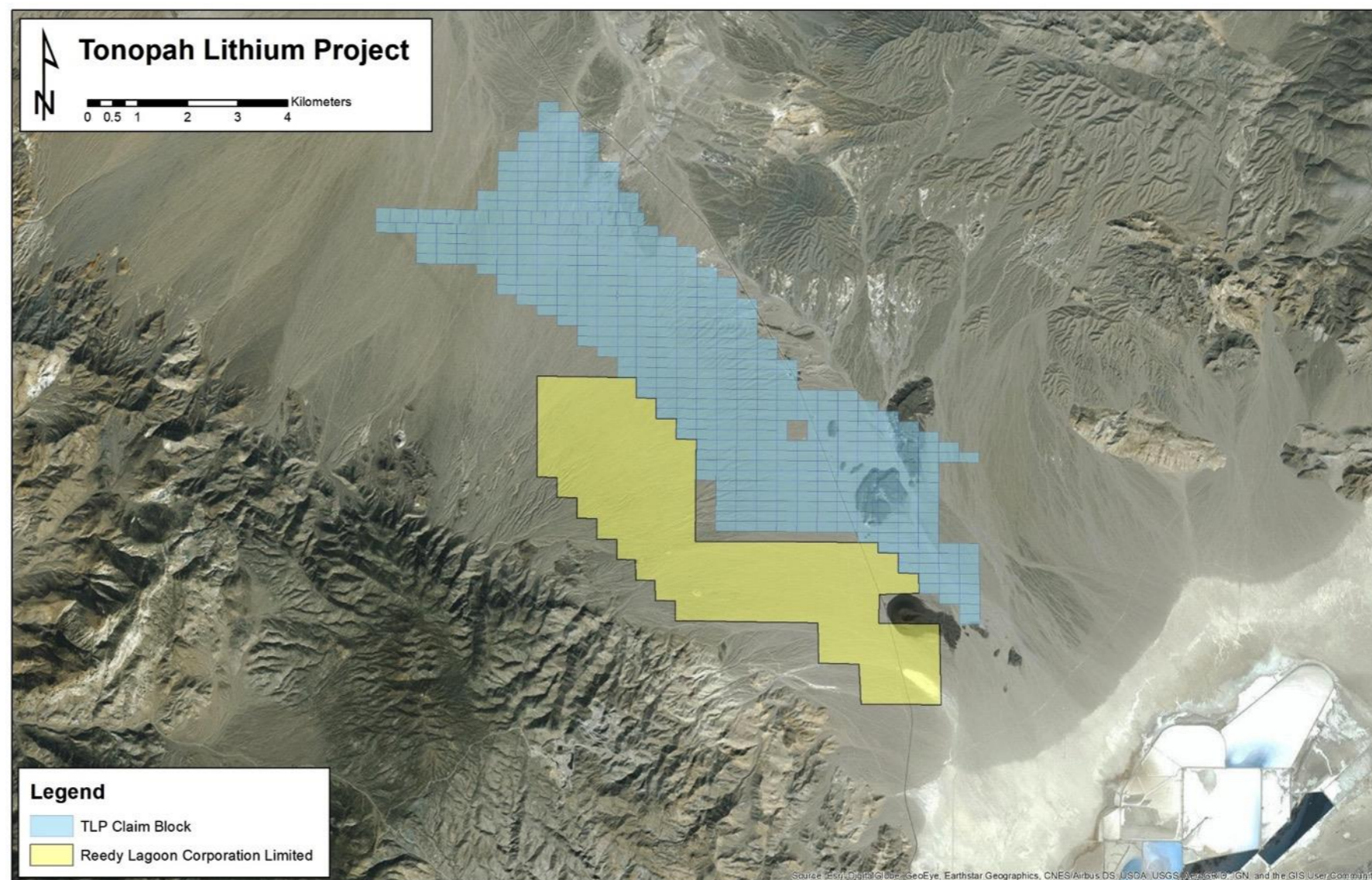
# YILGARN LITHIUM EXPLORATION

- Open-file soil, drill hole and magnetic data captured and interpreted
  - Encouraging results and target enhancement
- September 2017 Reconnaissance program completed
  - Anomalous rock-chip and drill spoil geochemistry results
- Phase 1 Drill Program
  - 116 Aircore holes for 4,220m on 7 Licenses
  - 17 E-W traverses with 200m hole spacing
- Airborne Magnetic Survey over the Esmond Licenses for estimated 2,860 line-km



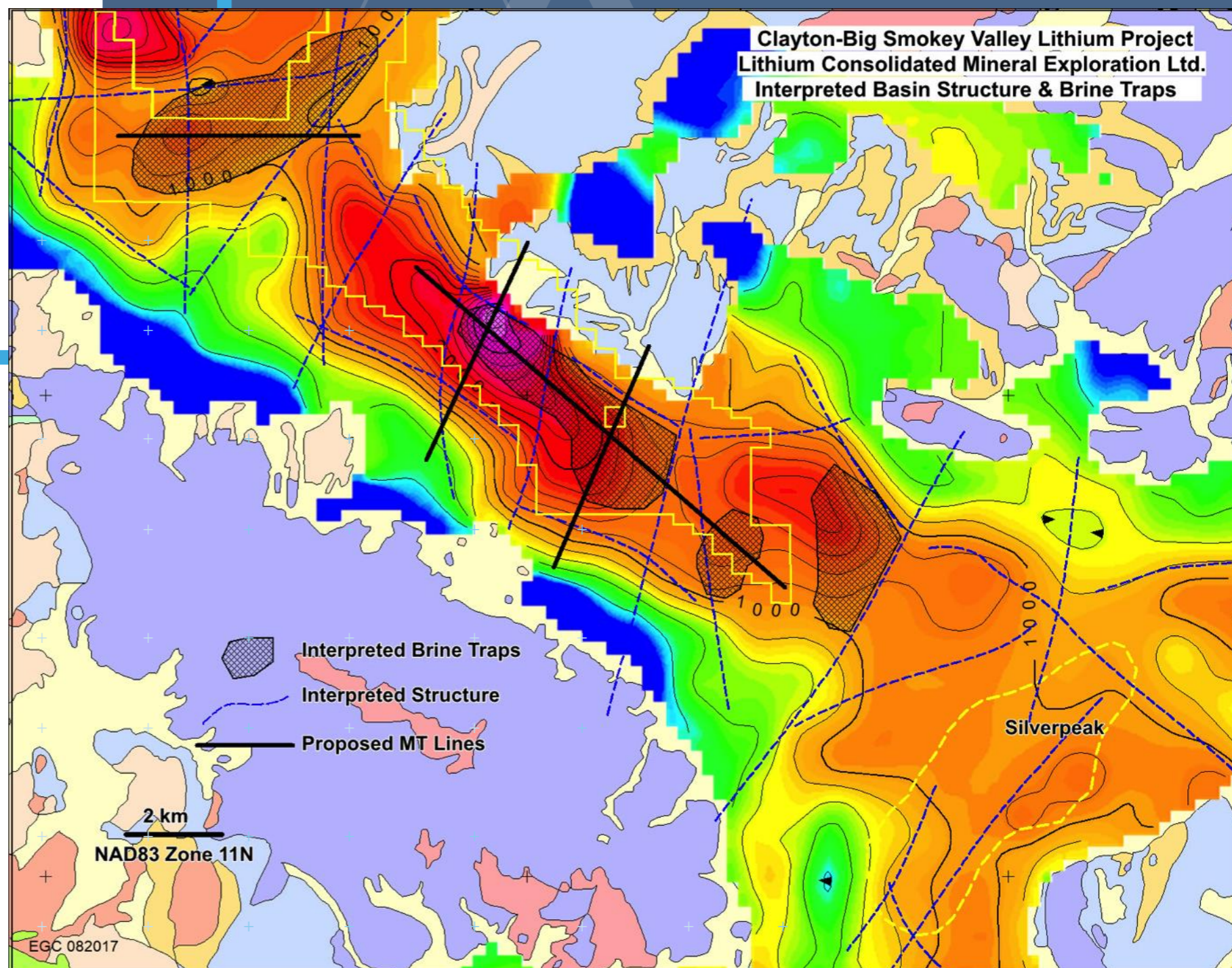
# TONOPAH LITHIUM PROJECT

- Large Big Smokey drainage pathway is through the Tonopah Lithium Project claims and terminates at Silver Peak mine
- Southern border of Tonopah Lithium Project is 2.3km from Silver Peak mine
- Proven lithium system:
  - +40 years of Li brine production at Silver Peak mine
  - Nearby Li discoveries eg. Global Geoscience's Rhyolite Hill



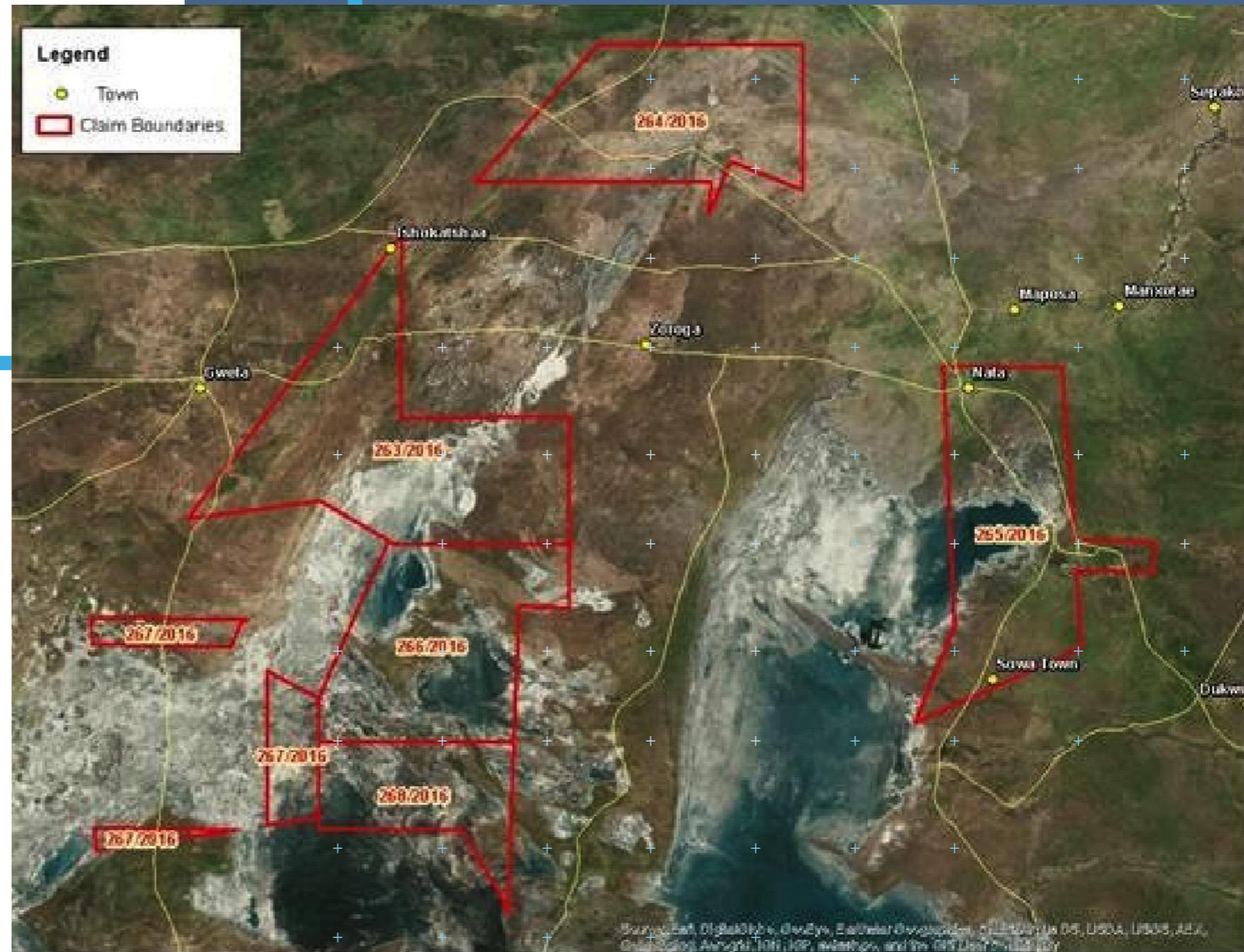
# TONOPAH LITHIUM EXPLORATION

- Tonopah Lithium Project Claims cover closest sub-basin structures to Silver Peak mine
- 3 sub-basin targets
- Exploration:
  - Gravity reprocessing completed
  - Magnetotellurics survey
  - 2D seismic survey
  - 3 x drill holes to total depth of 200-600m



# BOTSWANA LITHIUM PROJECT

- Makgadikgadi basin have lowest elevation in Kalahari basin i.e. final collection point for all rivers and streams
- Historical sample with Li level of 224 Mg/L
- Exploration:
  - 1) Shallow pit sampling
    - Program completed, but ineffective due to hard silcrete layer close to surface
  - 2) November 2017 RAB drilling
    - 5x holes to +40 meters deep



# EXPLORATION PROGRAMS

PROJECT	JUL 17	AUG 17	SEPT 17	OCT 17	NOV 17	DEC 17	JAN 18	FEB 18
YILGARN		Field reconnaissance			Aircore drilling = 116 x holes Airborne magnetics = 2860 line-km			
BOTSWANA			Pit sampling & auger holes		RAB drilling = 5 x holes			
TONOPAH	Gravity re-processing		Claims Filing					MT-survey
SA							Technical Review	

# PORTFOLIO OPTIMIZATION

1

NEVADA LITHIUM BRINE CLAIMS OPTMIZATION

2

HARD ROCK LITHIUM PIVOT: YILGARN LITHIUM IS HIGH  
PRIORITY

3

NEW OPPORTUNITIES

# EXPLORATION PRIORITY

Exploration projects prioritized on costs & exploration risks

		YILGARN	BOTSWANA	TONOPAH
Li type		HARD ROCK	BRINE	BRINE
Costs	Land holding cost	LOW	LOW	HIGH
	Phase 1 exploration cost	LOW	VERY LOW	VERY HIGH
Target depth		20-50m	50m	200-600m
Geological risk		MEDIUM	HIGH	MEDIUM
PRIORITY		HIGH	MEDIUM	MEDIUM

Notes:

- a) Yilgarn: minimum expenditure per License and annual lease costs
- b) Botswana: minimum expenditure per License and annual lease costs
- c) Tonopah: only annual claims fees with no minimum expenditure requirements in Nevada, USA

# GROWTH

1

## ACQUISITIONS

- WA “Hit list” of +40 new opportunities
- Tier 1 opportunities only –i.e. large-scale & high grade potential
- License applications & acquisitions

2

## DISCIPLINED EXPLORATION

- Pre-drilling geological & geophysical reviews
- Highly targeted drill testing
- Exploration projects prioritized based on costs & exploration risks

3

## PORTFOLIO OPTIMIZATION

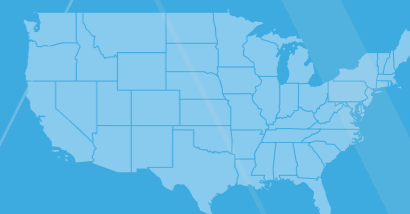
- Leverage expertise in hard rock lithium and lithium brine
- Ongoing portfolio review
- Non-core assets rationalization

# CONCLUSION

1 WORLD CLASS TEAM



2 TIER 1 LITHIUM PROPERTY PORTFOLIO



3 DISCIPLINED EXPLORATION

