

3	28	79
Li	Ni	Au
6.941	58.69	196.967



Targeting Key Global Demand-driven Commodities



David Crook
Managing Director
November 2016

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- This presentation is provided to you for the sole purpose of providing preliminary background technical, financial and other information to enable you to review the business activities of Pioneer Resources Limited ("Pioneer" or "the Company").
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For further information

- (Acra) refer to the Company's announcements dated 16 April 2014, 22 October 2014, 26 June 2015, 6 October 2015, 18 December 2015, 15 February 2016.
- (Mavis/ Raleigh) refer to the Company's announcements dated 15 March, 20 April, 13 July, 12 October 2016
- (Phillips River) refer to the Company's announcements dated 6 April 2016
- (Donnelly River) refer to the Company's announcements dated 26 April 2016
- (Pioneer Dome) refer to the Company's announcements dated 29 April, 18 May, 27 July, 4 October, 17 October 2016, 14 November 2016
- Also refer to the Company's quarterly Activities Reports.
- The Company it is not aware of any new information or data that materially affects the information included in this Presentation

Lithium Strategy



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*Everyone's talking about Lithium...
and they should be*

"It's the next gasoline."

Brian Colwell

6.941

Lithium

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The Lithium Market Today

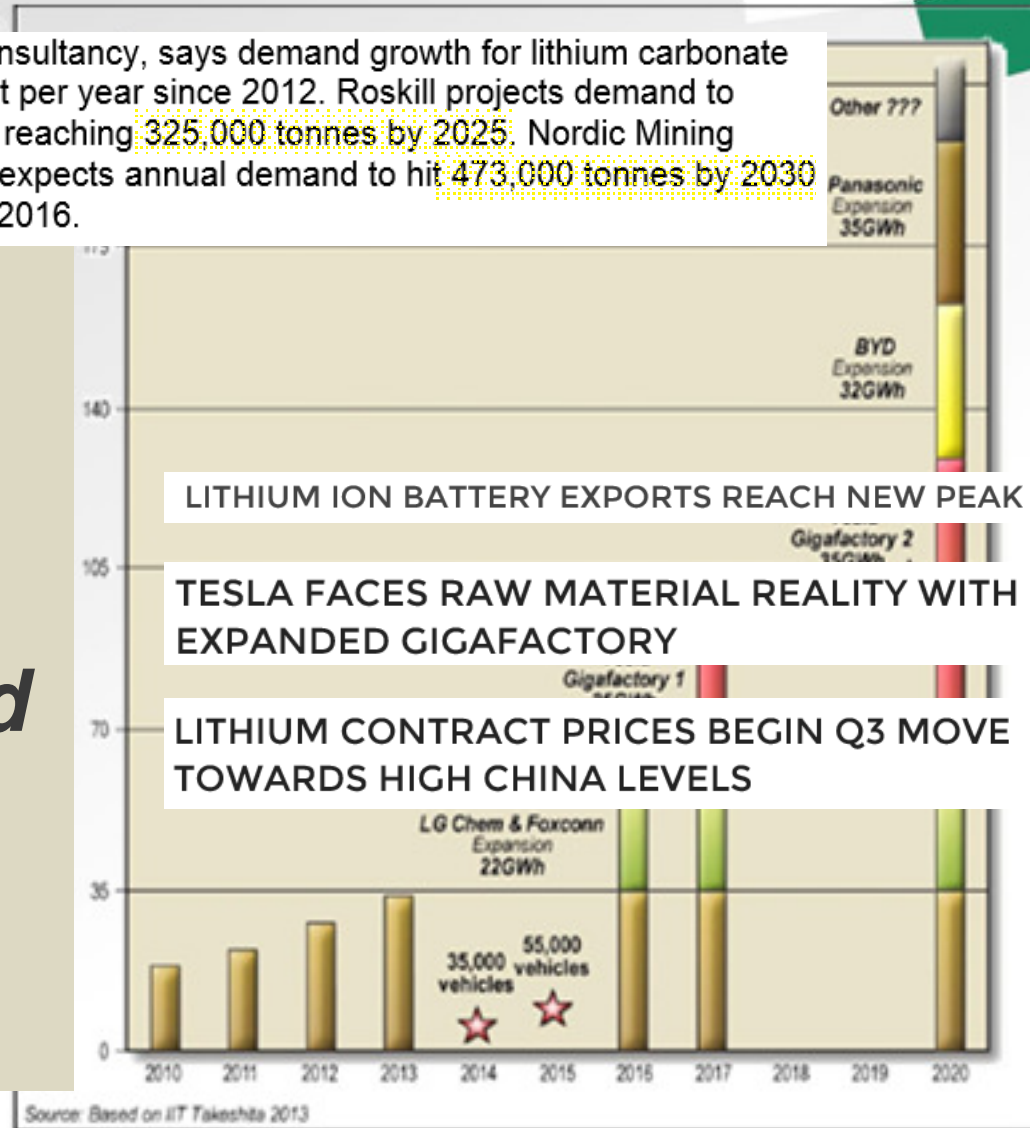
- Estimated demand 2015 : ~160,00ktpa LCE (2014: ~150 ktpa)
- Lithium Market 'Value': ~US\$900 million.
- Market could grow to 4-500ktpa in next decade.
- Brine sources are dominant supply at present.
- Time to construct and high capex of future brine production are creating opportunities for hard-rock projects.
- Australia is well-placed to play a significant role in future *downstream/value-add* production

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Roskill, an industrial minerals consultancy, says demand growth for lithium carbonate has grown more than 16 per cent per year since 2012. Roskill projects demand to exceed 186,000 tonnes in 2016, reaching 325,000 tonnes by 2025. Nordic Mining associate company, Keliber Oy, expects annual demand to hit 473,000 tonnes by 2030 — a 250 per cent increase from 2016.

“Battery storage will revolutionize the renewable energy sector by reducing the need for network investment.”

Simon Corbell



Corporate Snapshot



FOCUSED

Global Demand Driven Commodities

FUNDED

Approx \$5.1 million in cash

ACTIVE

Financial capacity to explore

WHATS CHANGED IN 2016

Huge interest in Lithium

Gold is on the ascendency

Wild card is Caesium



Current share price	1.7 cents
Shares on issue	1,037.7 million
Options (Listed/Unlisted)	44.3/55.3 million
12-month range	1.0 – 10 cents
Cash approx	\$5.1 million
Market capitalisation	\$17 million

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Well-Credentialed Board and Management



Craig McGown – Chairman (Finance)

- An investment banker with over 35 years' experience consulting to companies in Australia and internationally, particularly in the natural resources sector.
- The former Chairman of DJ Carmichael and currently with New Holland Capital.



David Crook – Managing Director (Geology)

- Founding Managing Director since 2003.
- A geologist with over 30 years' experience in the mining industry, including senior exploration, mining and management roles with a number of Australian and international companies.
- 25 years experience in the Kalgoorlie District



Allan Trench – Non-Executive Director (Geophysics, Management, Academia)

- A mineral economist, geophysicist and business management consultant.
- Professor CET at UWA and Curtin Graduate Business School.
- Perth representative CRU Strategies.



Wayne Spilsbury – Non-Executive Director (Geology)

- A geologist with over 35 years of experience including 28 years with Teck Cominco Limited - former General Manager, Exploration – Asia Pacific.
- Has worked on gold and base metal projects in Western Canada, the United States, Asia and Australia.



Nigel Brand – Consultant (Geochemistry)

- Internationally regarded specialist geochemist

Paul Dunbar – Consultant (Chief Geologist)

- A well accredited explorationist with corporate experience



Lithium Strategy

Project Pipeline



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Mavis, Raleigh: Ontario Canada

Spodumene Pegmatite Field

Pioneer Dome: Eastern Goldfields

Near Mt Marion – Pegmatite Li, Cs

Phillip River: Ravensthorpe

Near Mt Cattlin - Pegmatite Li

Donnelly River: Greenbushes

Near Greenbushes – worlds Largest Pegmatite Li

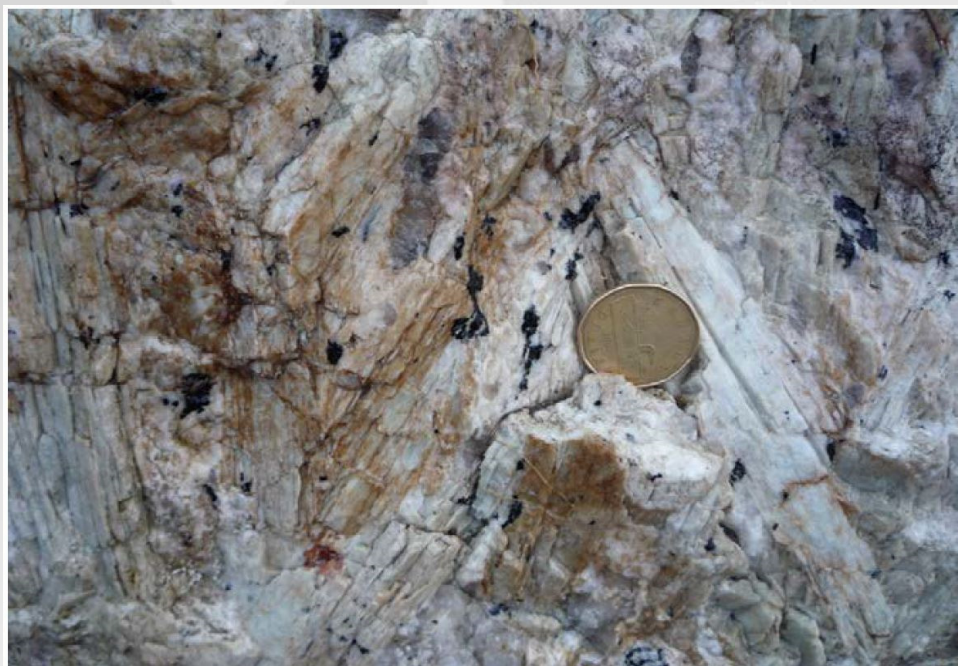
Mavis and Raleigh Lithium Projects Ontario



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Spodumene in LCT Pegmatites

Drilling scheduled to start this month.



Spodumene chevrons at Pegmatite 18

Mavis Lake Project

- MF-11-08: 7m at 1.83% Li_2O from 4m
- MF-11-09: 7.8m at 1.86% Li_2O from 18.85m
- MF-11-12: 16m at 1.53% Li_2O from 125m
- MF-11-12: 26.25m at 1.55% Li_2O from 152m
- MF-12-24: 16.4m at 1.86% Li_2O from 161.9m
- MF-12-28: 6m at 2.53% Li_2O from 6m
- MF-12-30: 6.95m at 1.45% Li_2O from 32.25m

Raleigh

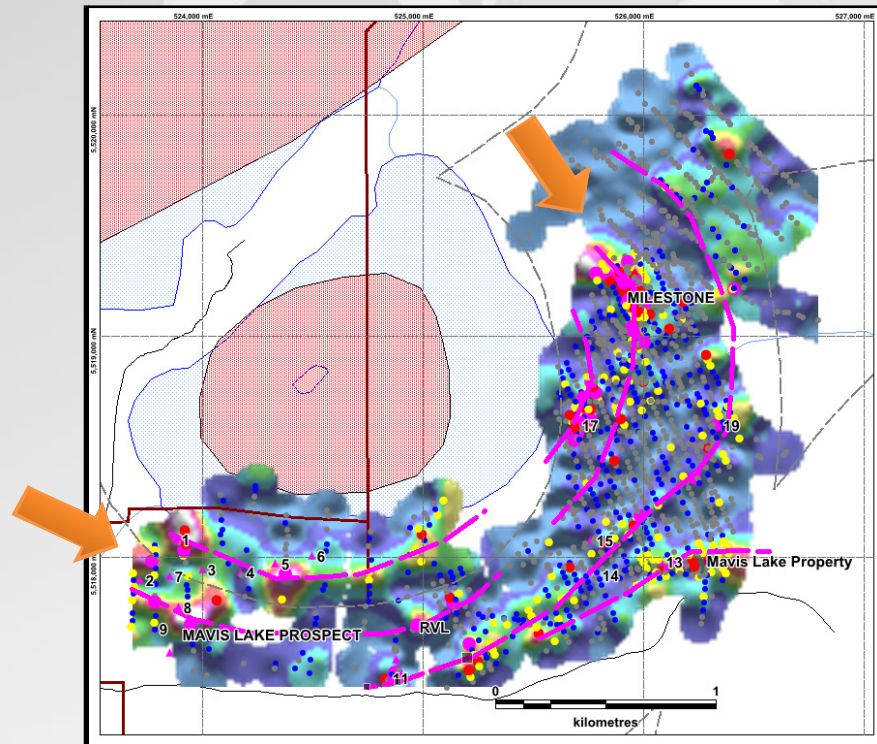
- RL-10-01: 7.8m at 1.49% Li_2O from 153.2m
- RL-10-02: 8.5m at 2.38% Li_2O from 84m
- RL-10-05: 5m at 1.31% Li_2O from 26m
- RL-10-06: 14.2m at 1.07% Li_2O from 114m

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* All widths reported are drill core widths and have not been converted into true width. Appropriate rounding of Li_2O values applied.

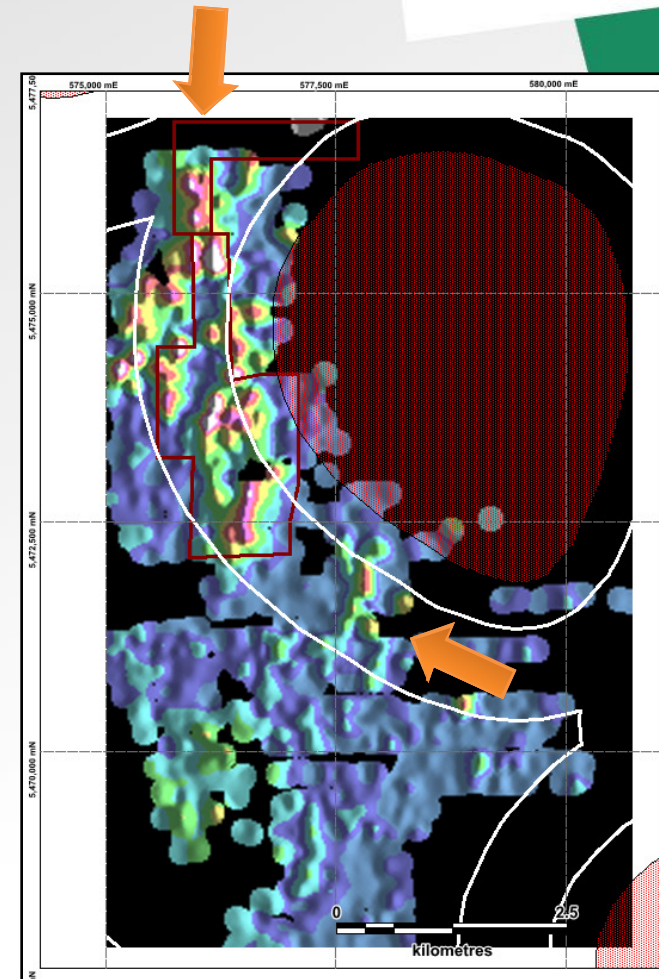
Lithium Litho Geochemistry Results

Highlight the 'Goldilocks' zone



Mavis Lake

Drilling this month #6 and #18



Raleigh

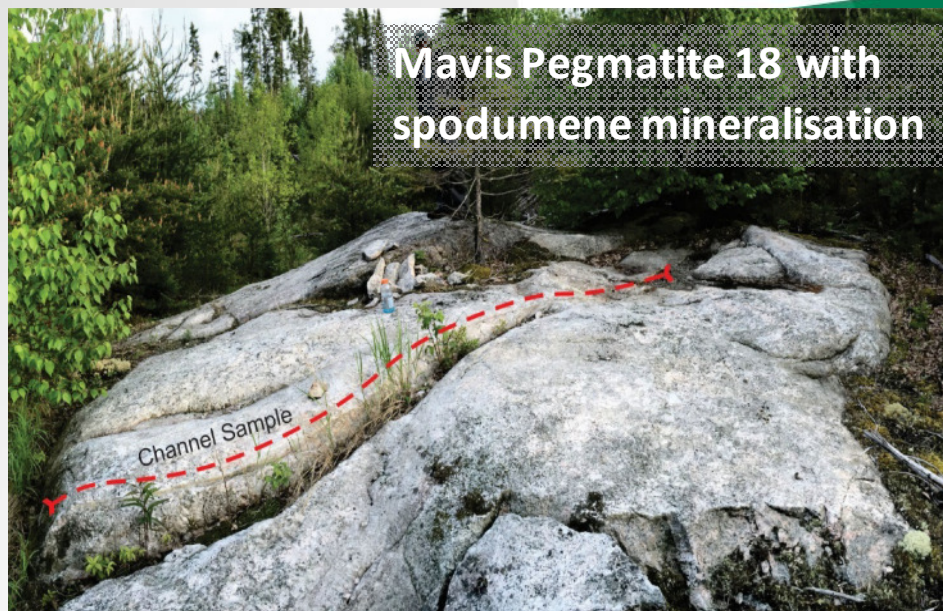
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New Discoveries - Open to expansion



Fairservice Pegmatite

John Harrop, Fred Breaks, Mike Sieb,
Adam Paterson (First Nations)



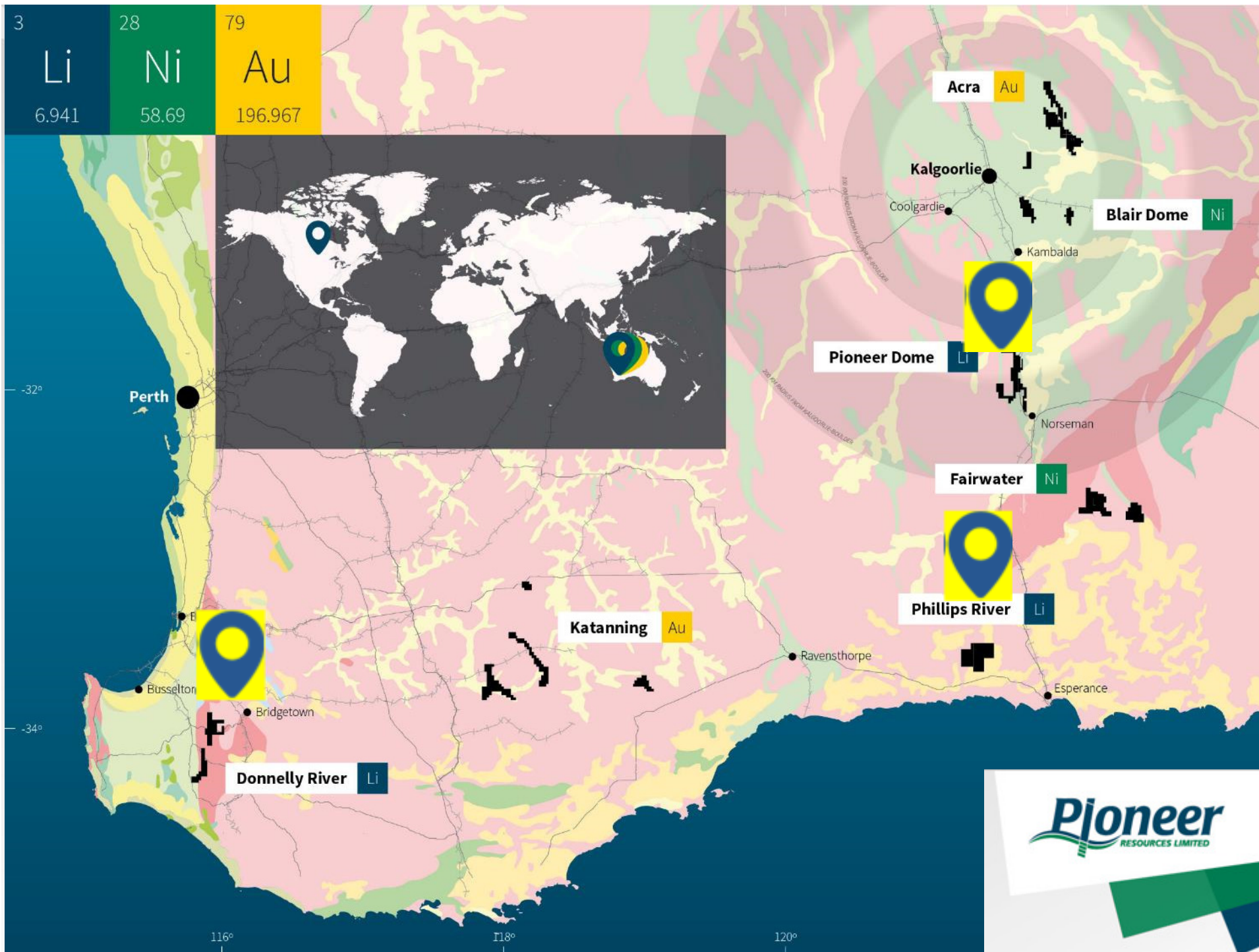
**Mavis Pegmatite 18 with
spodumene mineralisation**



**Raleigh drill core with
spodumene mineralisation**



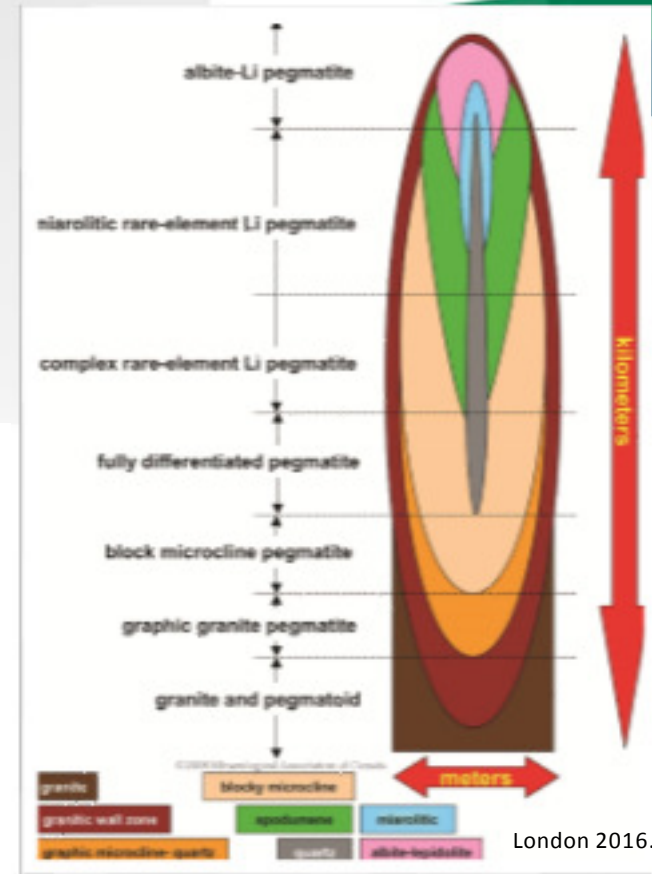
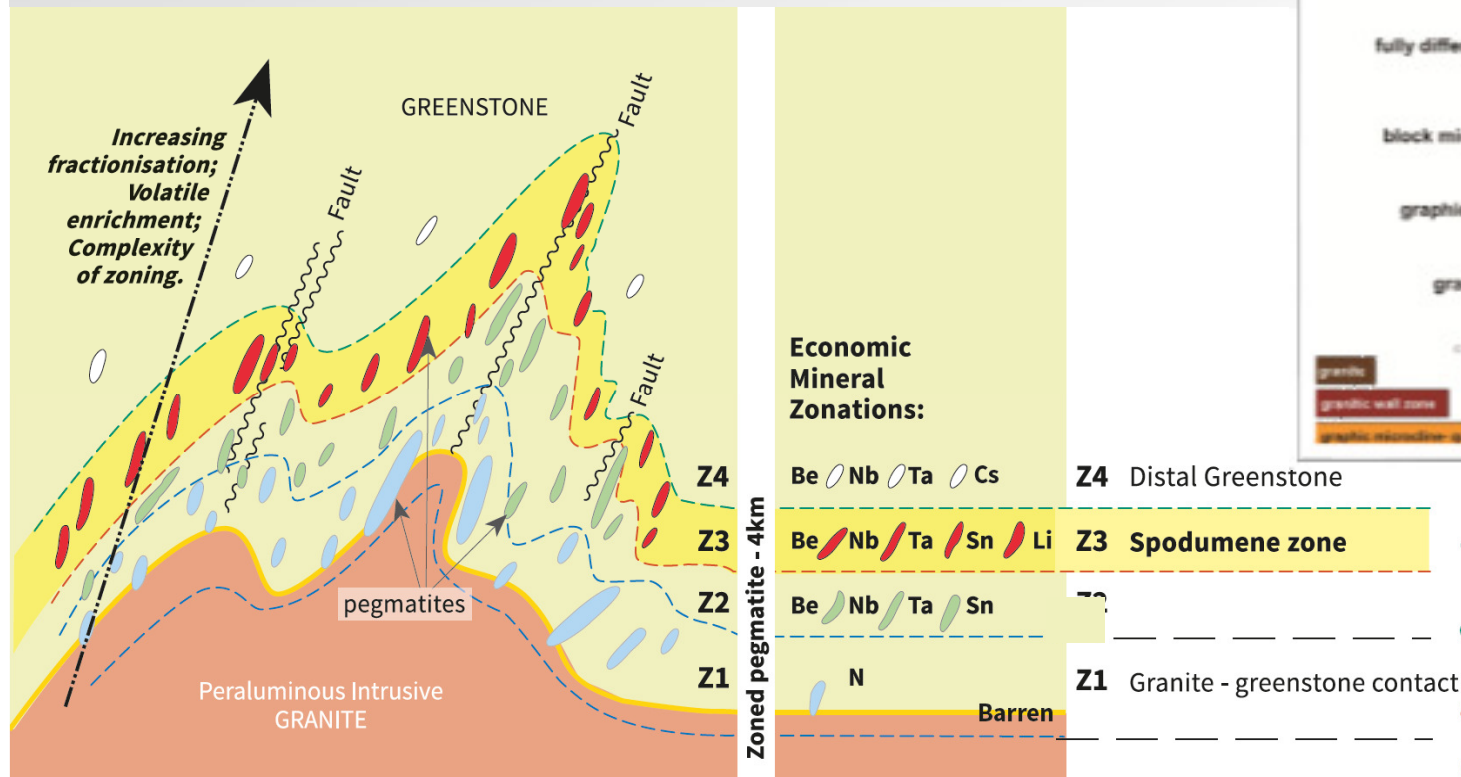
**Fairservice Pegmatite with
spodumene mineralisation**



Pioneer
RESOURCES LIMITED

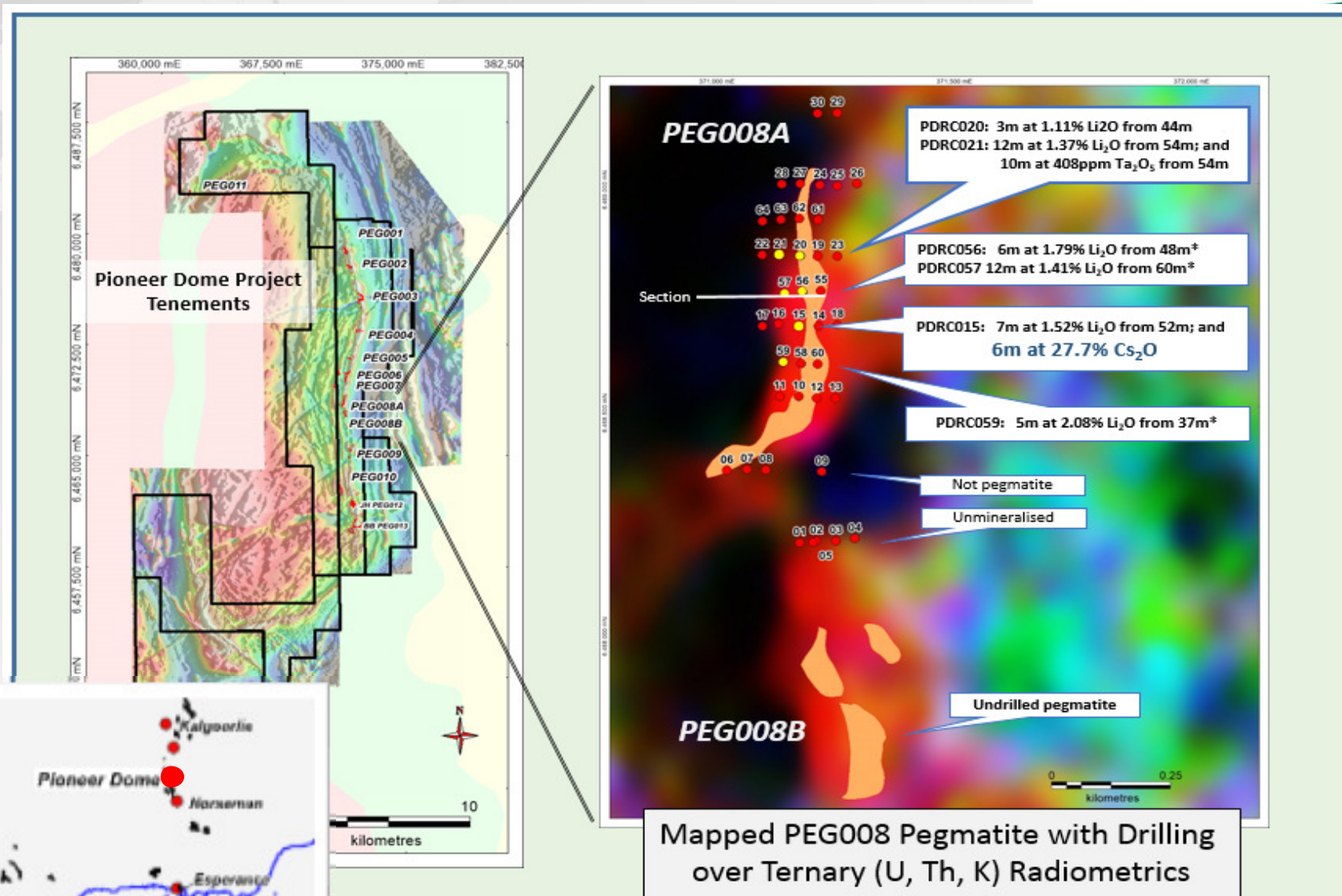
PEG008 An example of an extremely differentiated, distal pegmatite.

Drilling starts tomorrow.



London 2016.

PEG008 Hosts Li and Cs



PEG008 A little about Caesium

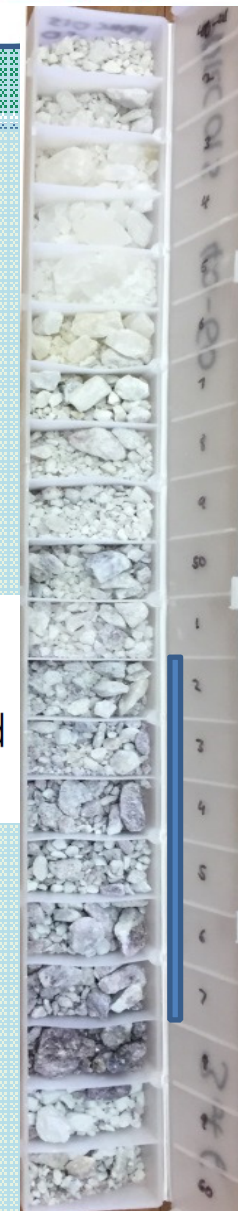


	Reserves ¹
Canada	120,000
Namibia	30,000
Zimbabwe	60,000
Other countries	NA
World total (rounded)	210,000

2014

Recycling: Cesium formate brines are typically rented by oil and gas exploration clients. After completion of the well, the used cesium formate is returned and reprocessed for subsequent drilling operations. Approximately 85% of the cesium formate can be retrieved and recycled for further use. Cesium formate production from Canada was estimated at 5,630 tons per year, to include 3,890 tons of cesium from 17,300 tons of pollucite ore, with a recovery rate of 85%.

Source: U.S. Geological Survey, Mineral Commodity Summaries, January 2015



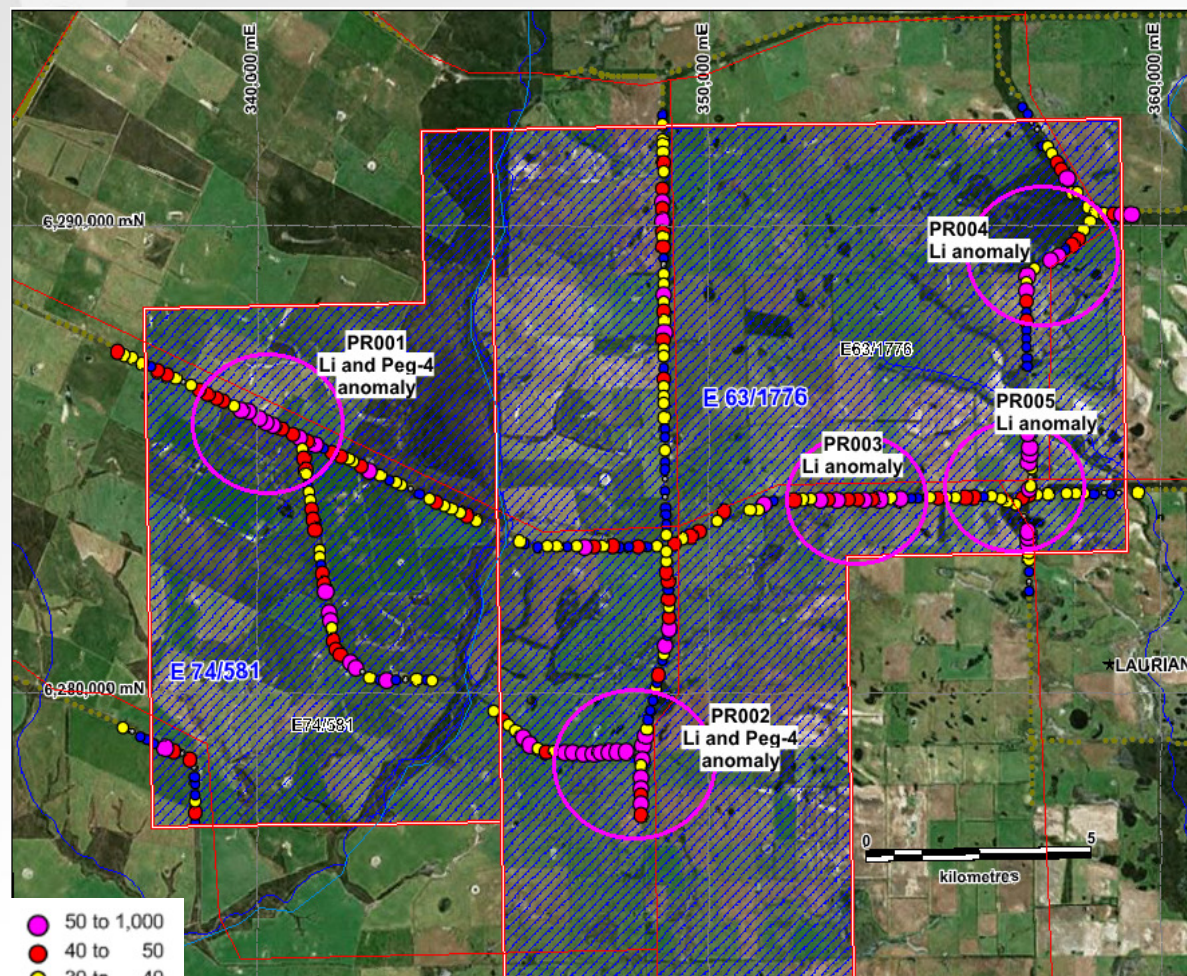
Phillips River



Roadside soil samples coloured by Lithium values in ppm.

Orientation sampling due to start after cropping.

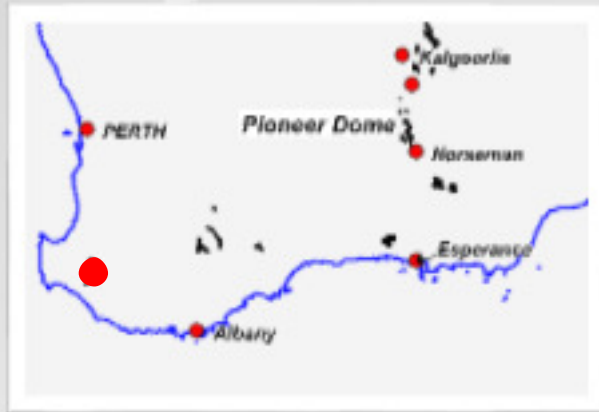
(Data from Fletcher and Howard, 2010; Eddison and Fairall, 2012).



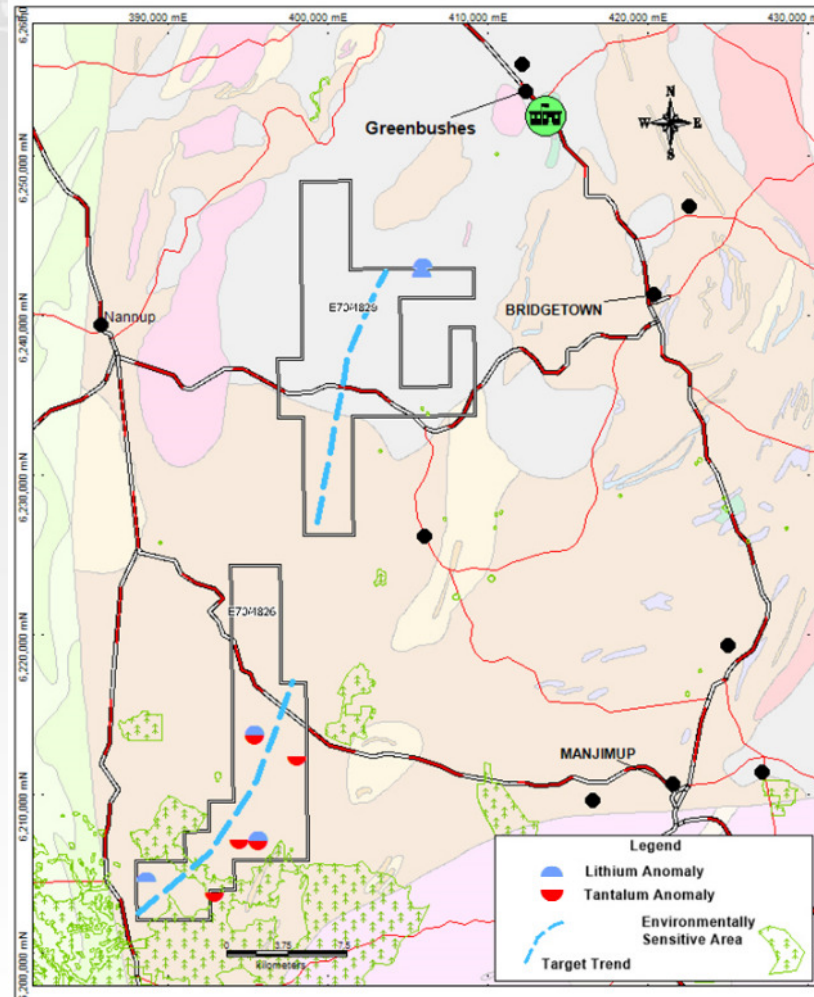
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Donnelly River (Greenbushes)



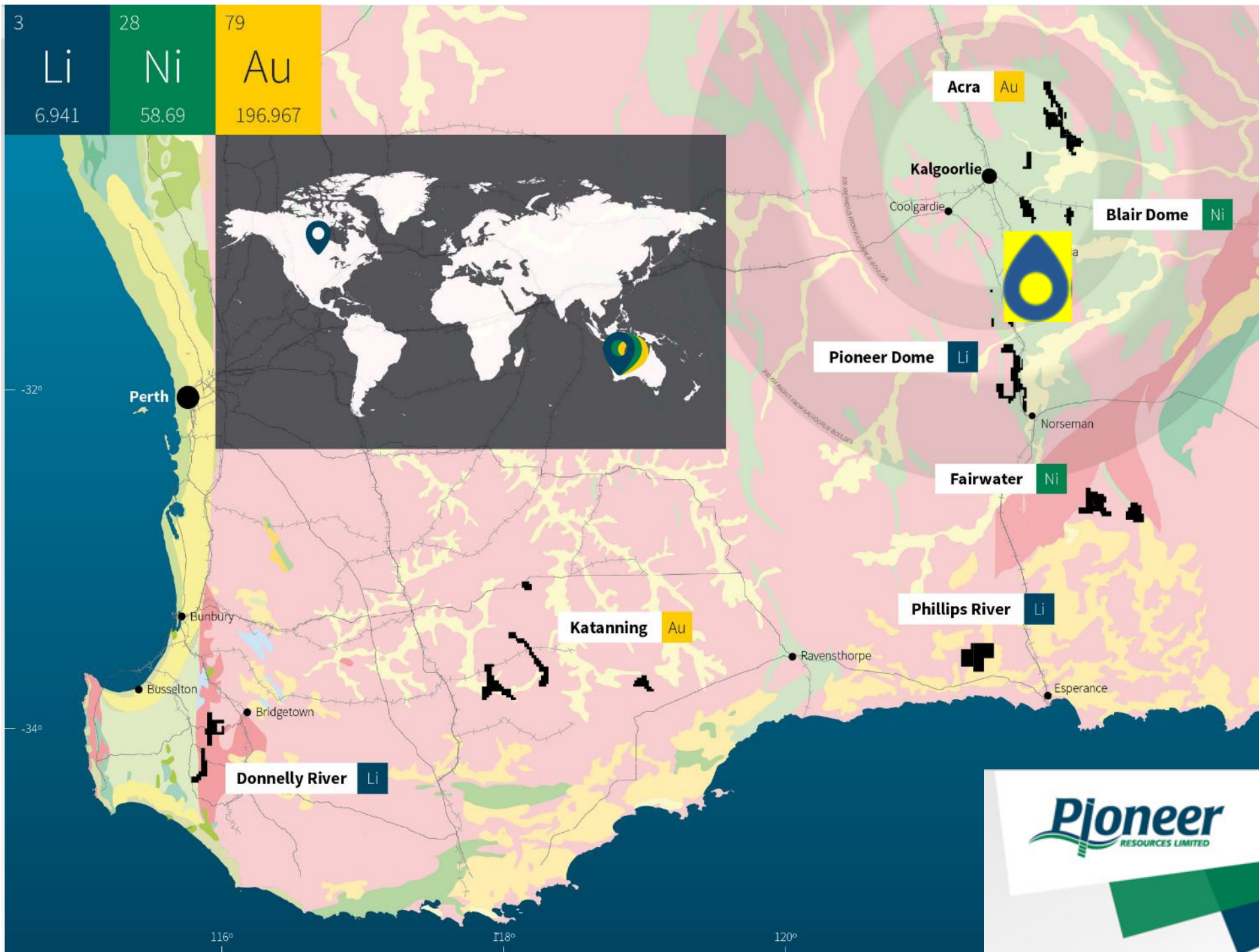
Conservation Management Plan
being developed to avoid public
areas and manage the
environment.



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**Donnelly Lithium Project tenements
and geochemistry anomalies**

(Morris P.A. 2008).





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