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Australian-focused Critical Mineral Explorer

September 2022



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CORPORATE OVERVIEW

Who we are

Summit Minerals Ltd (ASX: SUM) is an ASX-listed mineral exploration company driving shareholder value by exploring for highly prospective future critical minerals – Lithium, Rare Earth Elements and Antimony.

Capital Structure

ASX Code	SUM
Shares on Issue	34,927,600
Free Float Shares	24,765,100
Share Price	\$0.185
Market Capitalisation	\$6.28M
Cash	\$4.6M
Enterprise Value	\$2.1M
Top 20 Shareholders	64.32%



BOARD OF DIRECTORS



Peretz Schapiro
Non-Executive Chairman
BComm MAF

Peretz holds a Masters degree in Applied Finance and has been a global investor for more than a decade. He understands the fundamental parameters, strategic drivers, market requirements and what it takes for a high-growth business. Peretz has a diverse professional background, with deep experience in resource exploration, management consulting, marketing, fundraising and corporate finance. Peretz is also an Executive Director of ASX-listed Asra Minerals Limited (ASX: ASR) and Non-executive Chairman of Monger Gold Limited (ASX: MMG).



Stephen Ross
Non-Executive Director
BSc (Geology) FFin MAusIMM

Stephen Ross is a geologist, independent consultant and public company director that has been involved in the international minerals industry in technical, business development and corporate positions for 30 years. Stephen has sourced significant investments for junior explorers and pre-development resource companies worldwide while holding managing director and technical positions when based in Central Asia, West Africa and Sri Lanka. He is a member of the Australasian Institute of Mining and Metallurgy and is a Fellow of the Financial Services Institute of Australasia. Stephen is currently a director of East Energy Resources Limited and Power Minerals Limited (ASX: PNN)



Jonathan King
Managing Director
BSc Hons (Geology) MAIG

Jonathan King is a geologist/geochemist, independent consultant and public company director that has been involved primarily in the international search for economic mineral deposits in technical, and corporate positions for 30 years. Jonathan has led several major mapping, technical evaluation and geochemistry reinterpretation projects for greenfields and near-mine target generation and exploration programs in Korea, Fiji, Colombia, Mexico, Peru, Brazil, China, Africa, Indonesia, USA, and Australia. He is a member of the Australasian Institute of Geoscientists.

INVESTMENT HIGHLIGHTS



- 1 Low EV IPO (~\$2.1M)
- 2 At listing the projects comprise 100% granted tenure
- 3 Critical mineral focus: Lithium, Antimony, and REE
- 4 Anticipated Strong News Flow



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AUSTRALIAN FOCUSED CRITICAL MINERAL EXPLORER



Five Key Project Areas

**Phillips River Lithium Project –
Ravensthorpe WA (Granted)**

**Bridgetown Lithium Project –
Bridgetown WA (Granted)**

**Northern REE - Lithium Projects –
Gascoyne and Pilbara WA (Granted)**

**Stallion REE - Uranium Project – Ponton
River WA (Granted and Application)**

**Windfall Antimony Project –
Kempsey NSW (Granted)**



Summit Minerals
Project Locations



PHILLIPS RIVER LITHIUM PROJECT – RAVENSTHORPE, WA



Titles cover 42.6km² of hinterland locally intruded by lithium-bearing pegmatites

Prospective geology largely underexplored due to cover

Located 20km SW of Allkem's Mt Cattlin Lithium Operations

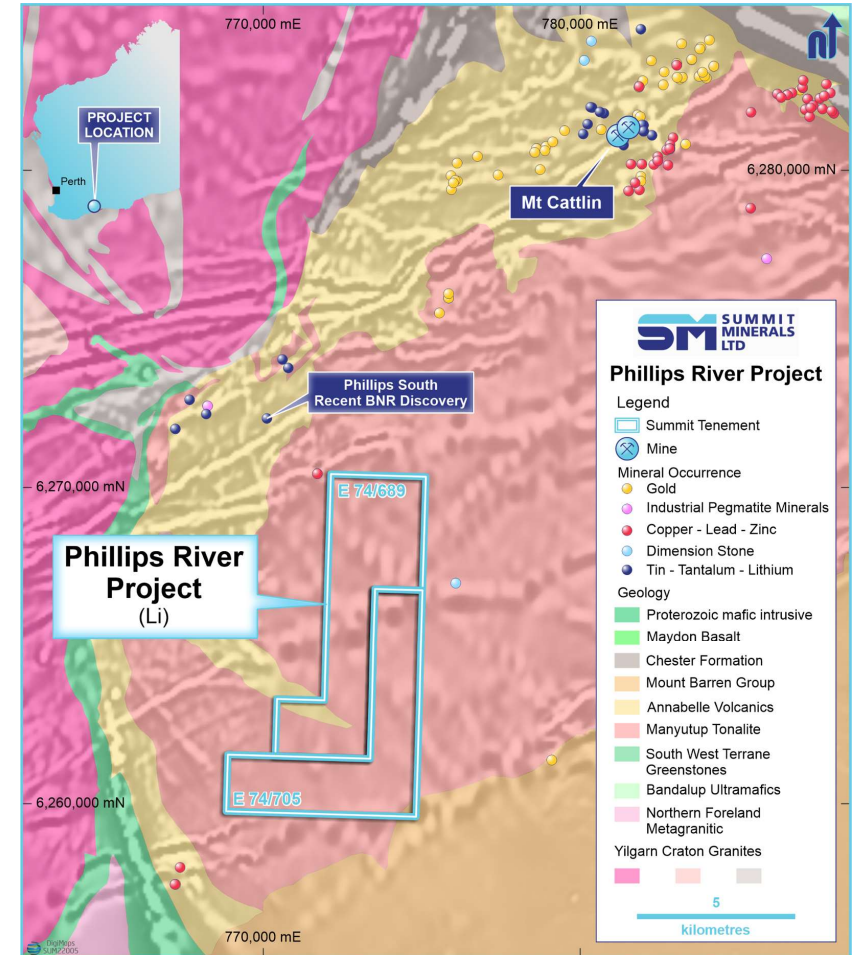
2.5km from BNR's recent Phillips South discovery, with rock chips up to 8.21% Li₂O*

Upcoming

Field reconnaissance and surface geochemistry

Geological mapping

Passive seismic or DGPR before drilling



*Exceptional High-Grade Lithium Mineralisation at Big Pegmatite Ravensthorpe Lithium Project. BNR Market Release 17th February 2022

BRIDGETOWN LITHIUM PROJECT – E70/5980 & E70/5981



The titles are located 7km south of Talison's Greenbushes Lithium Operations, the world's largest lithium mine

Prospective for Lithium and Tin-bearing pegmatites

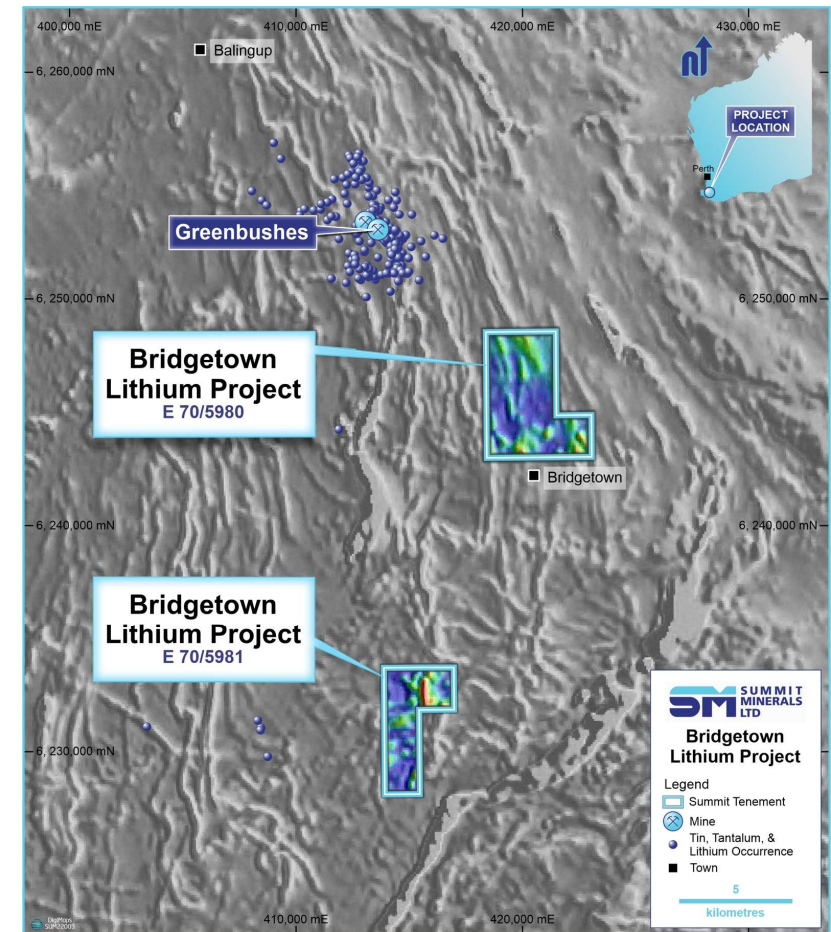
Adjacent to IGO's recently announced \$6m Venus Metals Farm-in

Both titles significantly underexplored

Upcoming

Field investigations and geochemistry along existing roads and tracks

Geological mapping prior to preliminary scout drilling



NORTHERN REE – LITHIUM PROJECTS



Targeting two mineralisation styles: lithium-bearing pegmatites and REEs associated with carbonatites

Dreadnought's Yin REE discovery lies near E09/2435

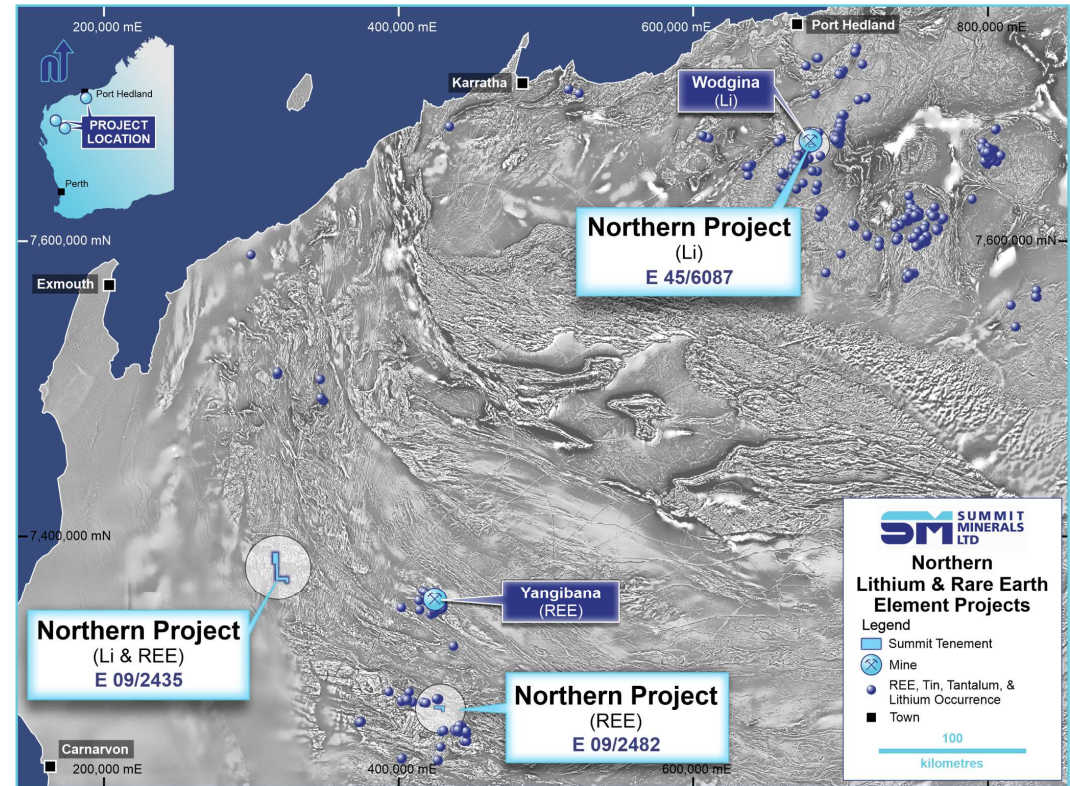
Lithium-bearing pegmatites discovered adjacent to E09/2482 at Electrostate's Malinda Project

GSWA confirmed large REE-pegmatite within E09/2482

E45/6087 covers prospective geology between Pilgangoora and Wodgina

Upcoming

Field Investigations and geochemistry
Drilling



STALLION REE-URANIUM PROJECT (E28/2999)



Title covers 162km² of the Ponton Creek palaeochannel, including Manhattan Corporation's 3.3Mlb U₃O₈ Stallion Deposit*

Significantly enriched in REEs (>500ppm to >1% TREO)

Large exploration target - measures 8.5km x 500 to 800m

252 drill holes for 18,746m, most with REE assays

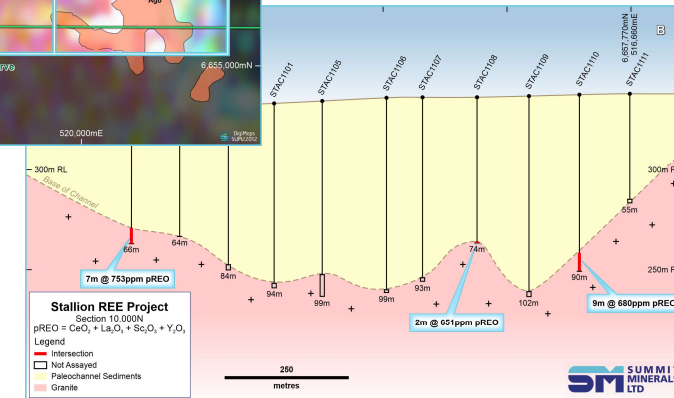
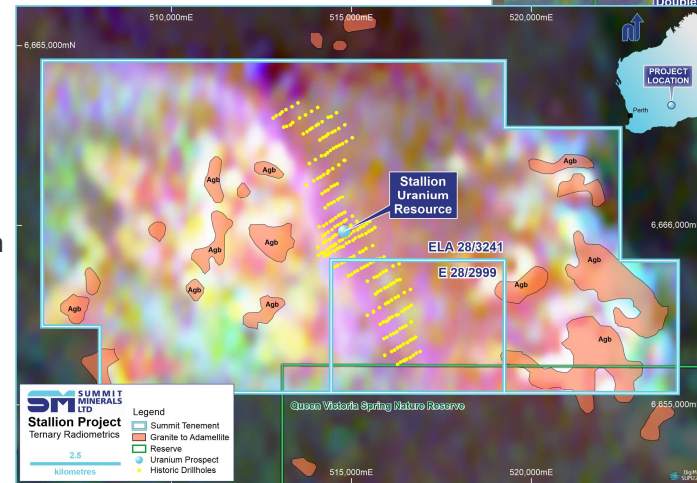
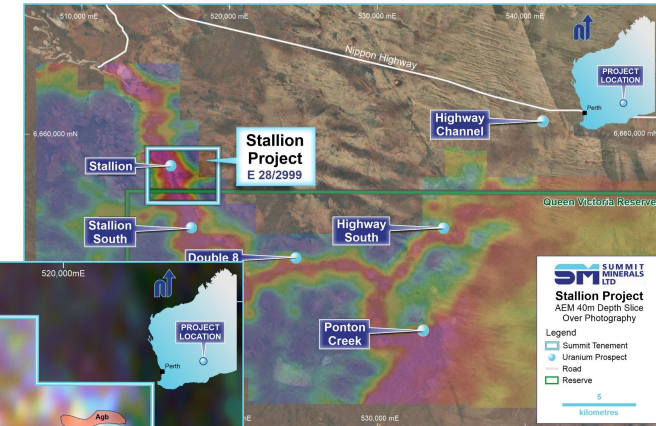
Hole	Intersection	Depth	TREO Estimate
STAC1064	10m @ 885ppm La-Ce-Y	from 65m	>10m @ 4500-9500ppm
STAC1104	6m @ 1004ppm La-Ce-Y	from 64m	>6m @ ~0.5%

Hot granites locally exposed

Upcoming

- Collate drilling data
- Evaluate and remodel REE results
- Drill for metallurgical samples

* <https://manhattcorp.com.au/wp-content/uploads/2020/10/PontonMineralResourceEstimates23Jan17.pdf>



COMMODITY SLIDE WITH A FOCUS ON ANTIMONY



Next generation of energy generation and storage technologies



One of 35 listed critical minerals used in military, energy, industrial and consumer applications



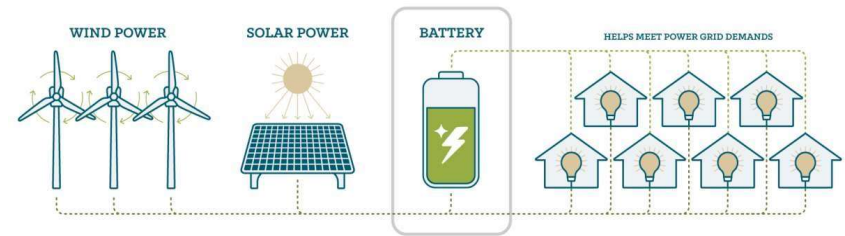
Produces corrosion-resistant, strengthened alloys: munitions, flame retardants, turbines, solar panels, batteries, cell phones, flash drives, USB devices, semiconductors, plastics, and cable sheathing



Liquid metal battery with Antimony supports scalable clean energy storage



China and Russia account for 82% of the market – supply chain disruptions



WINDFALL ANTIMONY PROJECT (EL9235)



Title covers 240km² of the prospective New England Orogen, near Kempsey

Strike extensive (>20 km) antimony ± gold deposits from vein and breccia systems

Multiple historic antimony mines, including Munga Creek last mined in 1974 producing 1,100t Sb

Highest grades ever recorded in Australia to 63% Sb with gold grades to 6 g/t

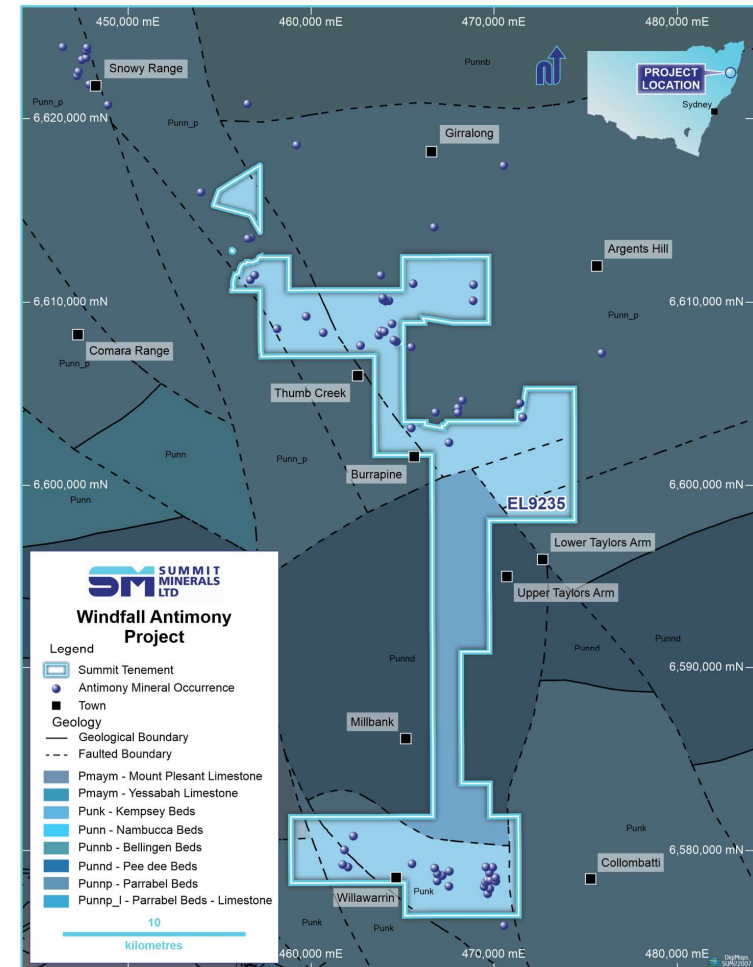
Numerous walk-up drill targets

Upcoming

Determine access

Field mapping and soil geochemistry

Geophysics and Drilling



INDICATIVE NEWS FLOW

Month	Project	Task	Done
August	Phillips River	Site visit, preliminary reconnaissance and sampling, pXRF, land access agreements	✓
August	Bridgetown	Site visit, preliminary reconnaissance and sampling, pXRF, land access agreements	
August/November	Windfall	Land access agreements, right to negotiate – conservation parks	
September	Stallion	Site visit, reconnaissance and sampling – hot granites, drilling access and refurbishing tracks	
September	Northern	Site visits, preliminary reconnaissance and sampling, pXRF	
October	Stallion	Due diligence drilling, expanded surface geochemistry – hot granites	
October	Northern	Expanded surface geochemistry prior to drilling proposal, lodge POW for initial drill testing	
October	Phillips River	Expand surface exploration and mapping, land access, negotiate drilling access	
October	Bridgetown	Expand surface exploration and mapping, land access, negotiate access	
November	Windfall	Preliminary field investigations – Munga Creek group	
November	Northern	Heritage presentations and surveys prior to drilling	
December	Phillips River	Drill testing*	

* Subject to permitted access

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