

ASX: **AGE**

**18th GMUSG
Conference & Trade Expo**

Andrea Marsland-Smith, COO

AUGUST 2022



**Alligator
Energy**

Disclaimer

This presentation contains projections and forward looking information that involve various risks and uncertainties regarding future events. Such forward-looking information can include without limitation statements based on current expectations involving a number of risks and uncertainties and are not guarantees of future performance of the Company. These risks and uncertainties could cause actual results and the Company's plans and objectives to differ materially from those expressed in the forward-looking information. Actual results and future events could differ materially from anticipated in such information. These and all subsequent written and oral forward-looking information are based on estimates and opinions of management on the dates they are made and expressly qualified in their entirety by this notice. The Company assumes no obligation to update forward-looking information should circumstances or management's estimates or opinions change.

Competent Person's Statement – Uranium

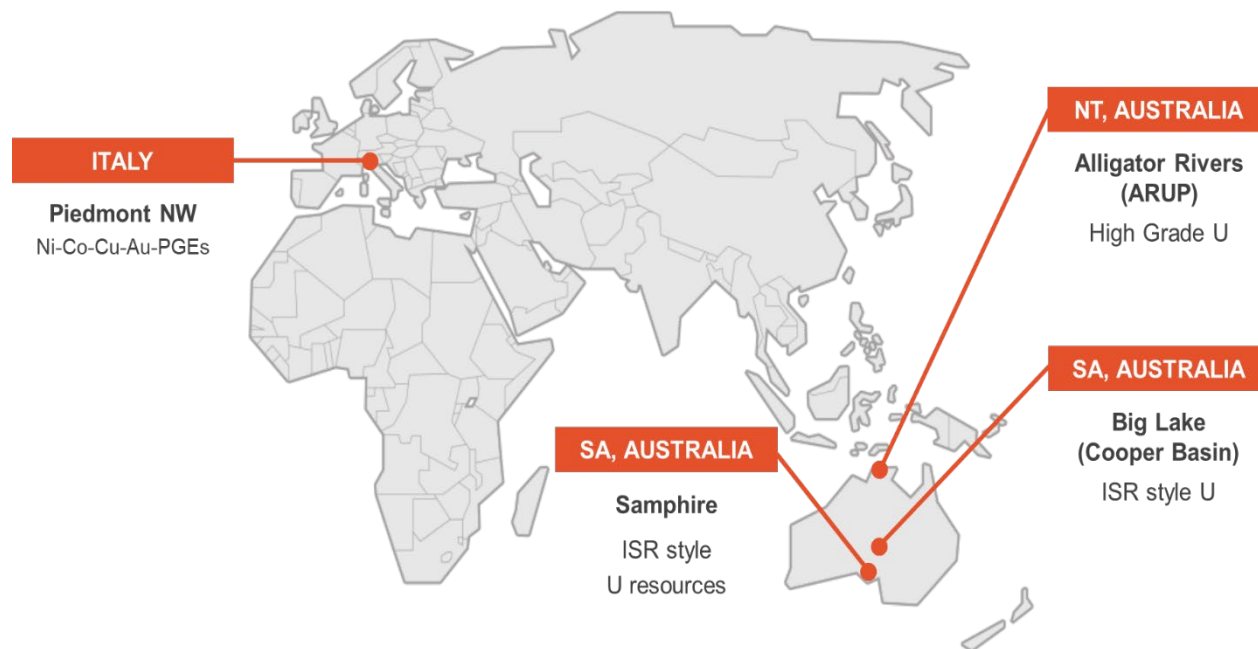
Information in this report is based on current and historic Exploration and Resource Drilling Results compiled by Dr Andrea Marsland-Smith, who is a Member of the AusIMM. Dr Marsland-Smith is employed by Alligator Energy as Chief Operating Officer (COO) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity she is undertaking (including 15 years working with ISR uranium development and operations) 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. Dr Marsland-Smith consents to the inclusion in this release of the matters based on her information in the form and context in which it appears.

Competent Person's Statement – Nickel Cobalt exploration

Information in this report is based on current and historic Exploration Results compiled by Mr Andrew Vigar who is a Fellow of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Vigar is a non executive director of Alligator Energy Limited, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking 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 Vigar consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

Our aim is to discover, source and economically extract these needed commodities with an innovative approach, with either zero or minimal impact, and with positive value and experience for our stakeholders and communities.

- Active in uranium exploration in the Northern Territory since 2010
- Acquired the Samphire Uranium project near Whyalla in 2020
- Uranium exploration in the Cooper Basin, SA
- Nickel-Cobalt (Cu, Au) in Piedmont, Italy
- Advancing resource and exploration targets while evaluation and acquiring further uranium or energy mineral assets in key target regions.





The Samphire Uranium Project - Whyalla

- Historical inferred uranium resource

- 14.9 Mlbs @ 300ppm cutoff U_3O_8 at a grade of 654 ppm** (similar to Boss Resources' Honeymoon Project planned restart average grade).

- AGE currently advancing project through:

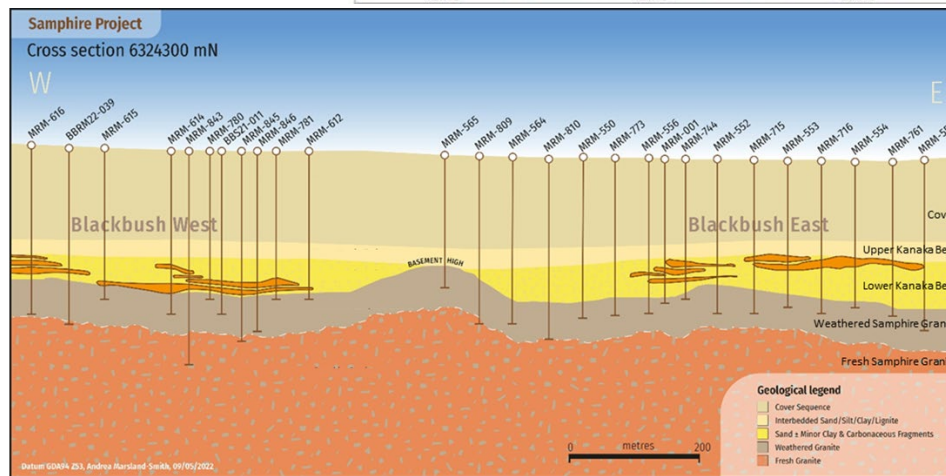
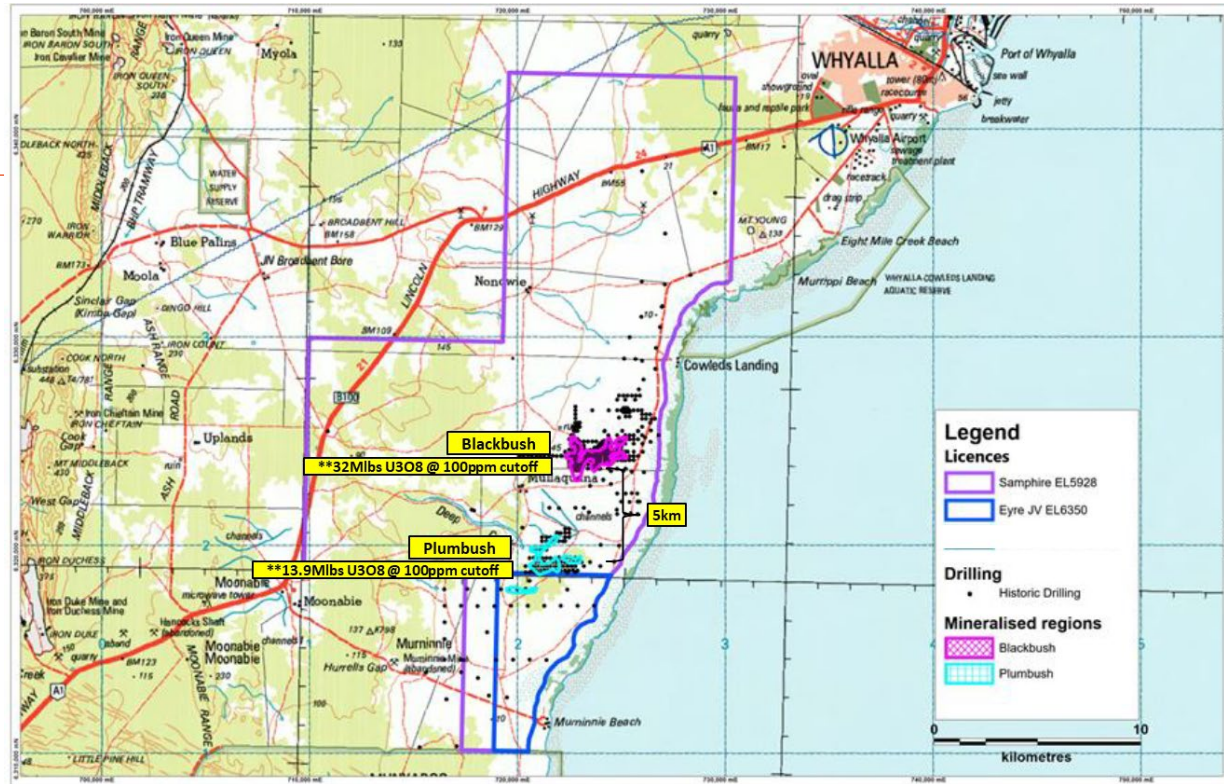
- Resource enhancement evaluation

- o Shallow (<80m depth) uranium mineralisation in sands amenable to In-Situ Recovery (ISR) mining.
- o 2021-2022 AGE drill programs completed* with multiple open positions not adequately tested.

- Pilot Testwork

- Approvals for a Field Recovery Trial

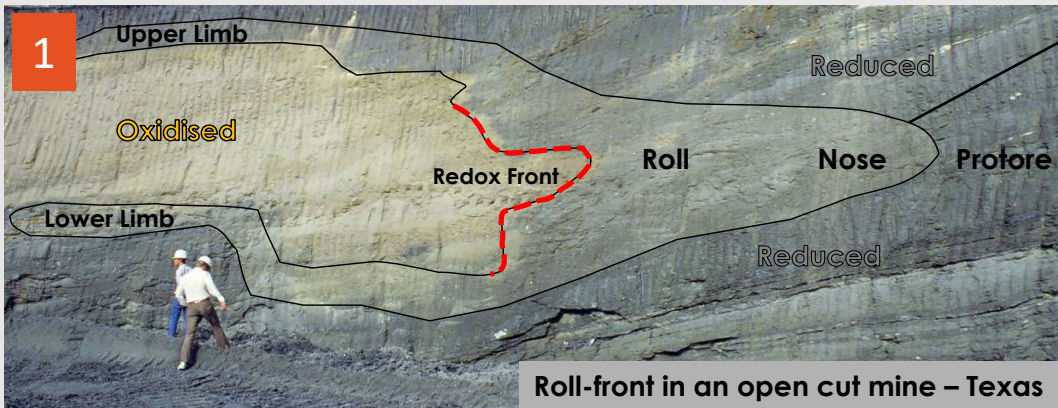
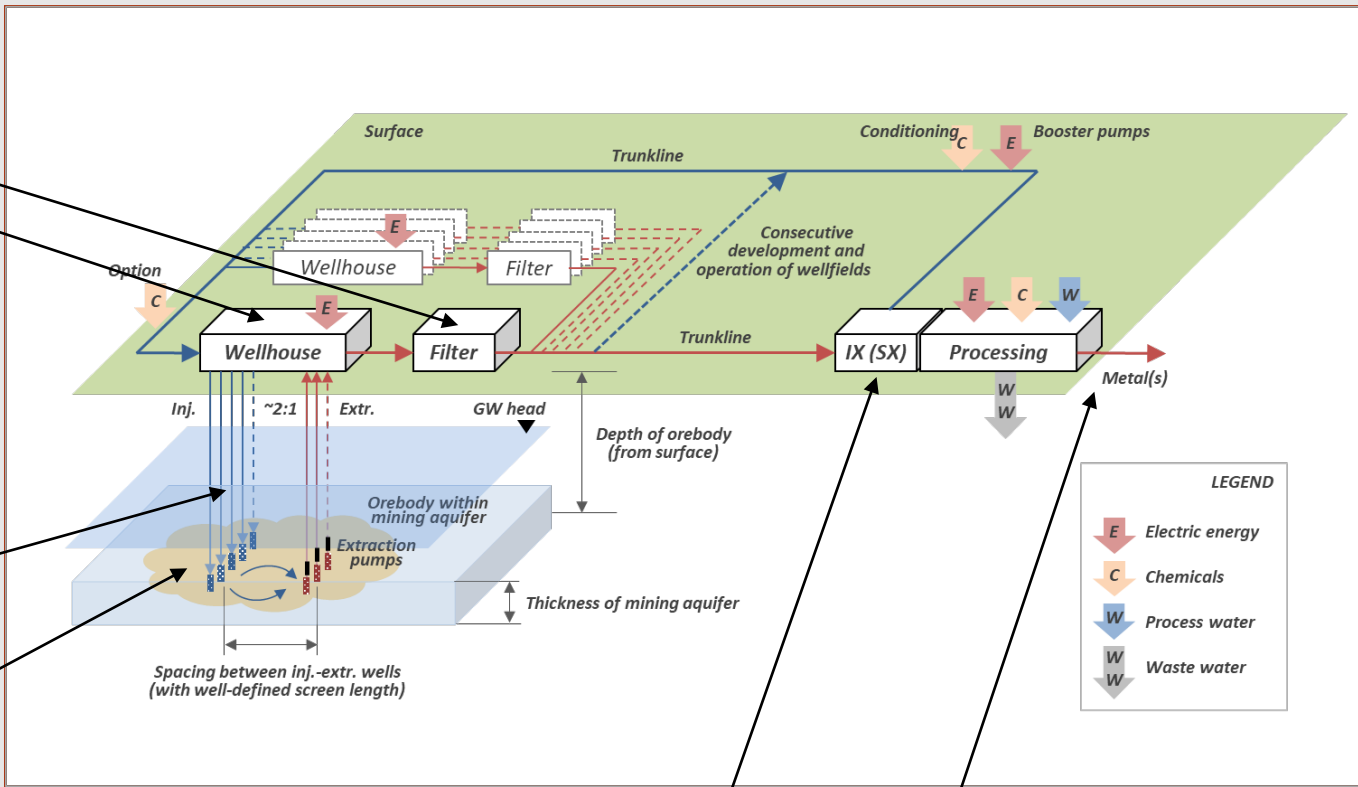
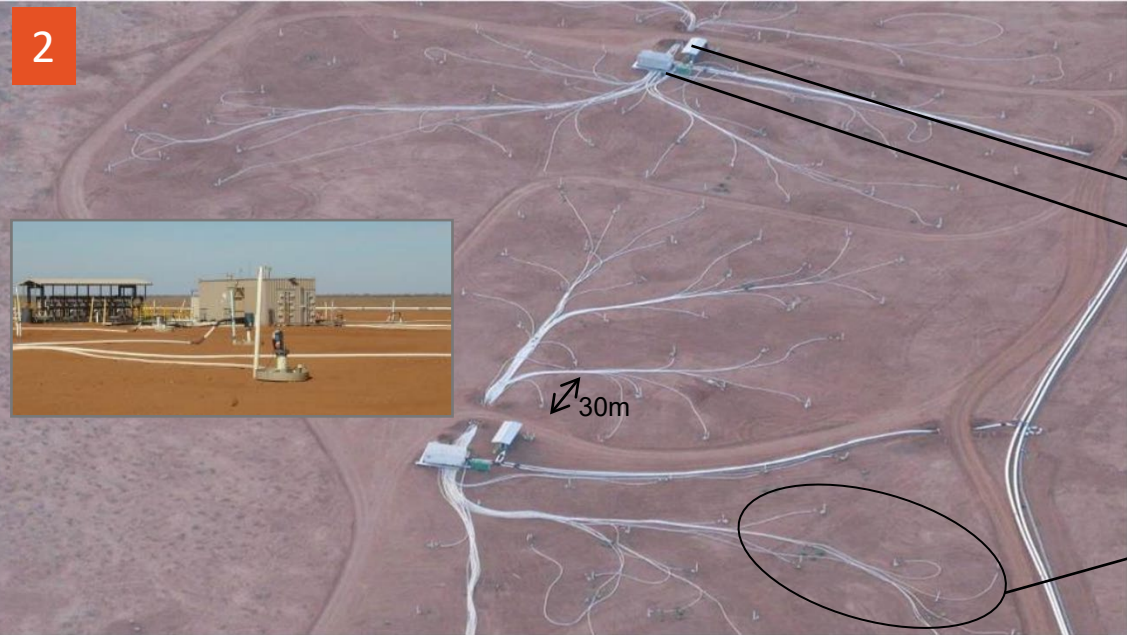
- Exploration



*Refer ASX release 6 July 2022 - [02539224.pdf \(weblink.com.au\)](https://www.asx.com.au/asxpdf/20220706/pdf/02539224.pdf)

**Refer ASX release 11 June 2020 - <https://www.asx.com.au/asxpdf/20200611/pdf/44jk4s3r8rgc10.pdf> including the Cautionary Statement in relation to the 2004 JORC complaint Resource

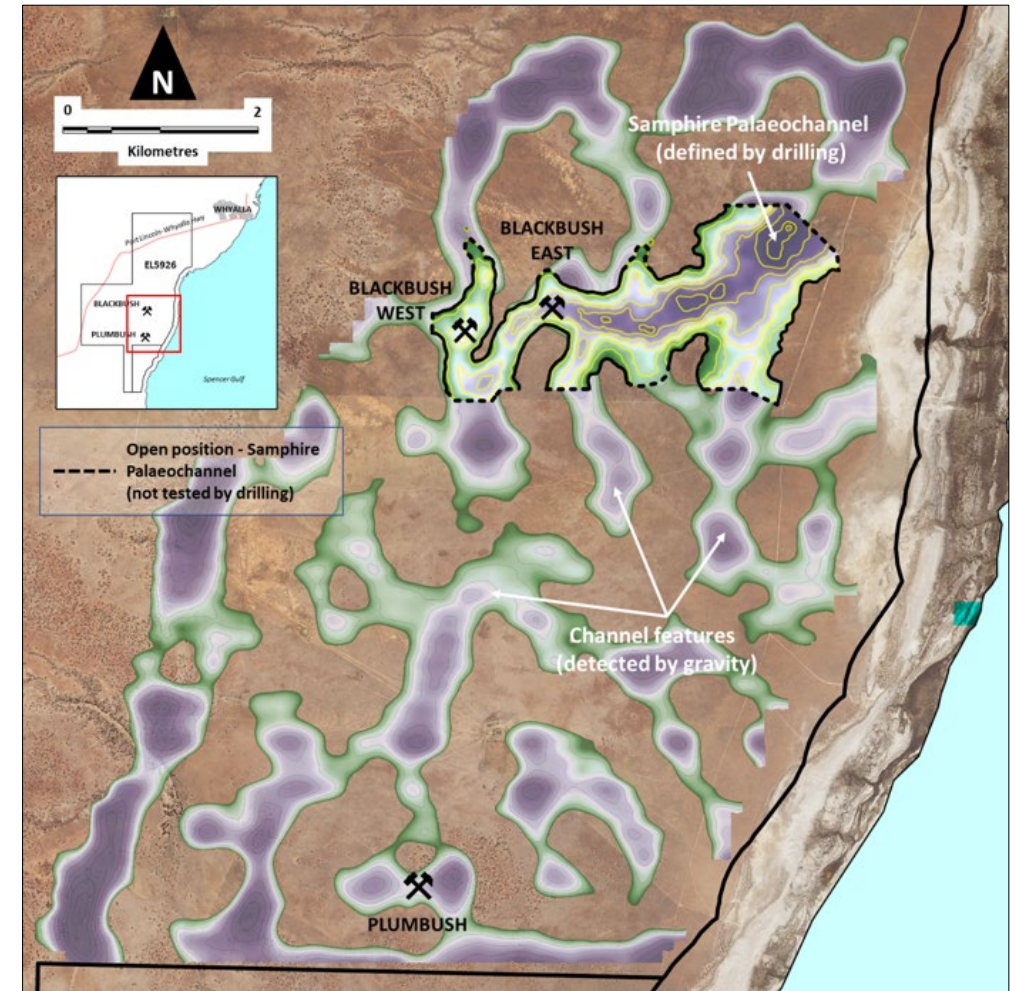




The Sapphire Uranium Project

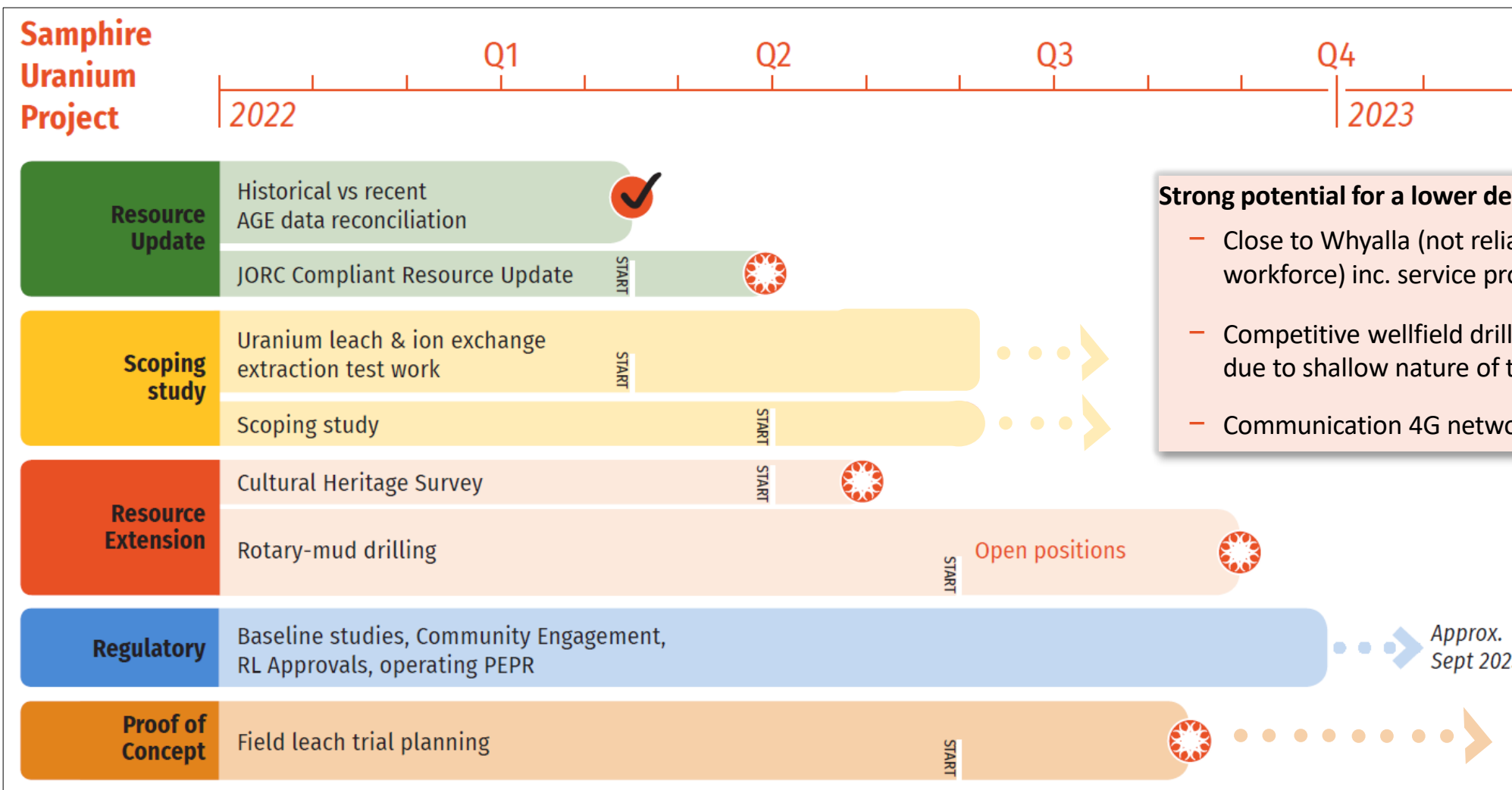
Exploration & development potential

- Walk up drill targets for extension of known mineralisation at Blackbush
 - A number of open positions not adequately tested by previous drilling show potential for extensions of the known mineralisation.
- Plumbush not adequately tested nor its relationship to Blackbush known
- Regional ground gravity show extensive palaeochannel extensions:
 - Immediate focus for near-future drill programs
 - Potential for palaeochannel system to extend north and south of the current defined area
 - Potential for additional satellite deposits
- Next drilling campaign planned



Regional filtered ground gravity showing potential palaeochannel extensions and Blackbush palaeochannel (defined by drilling).

Samphire Project: Planned Activities and Workflow – 2022/23



Strong potential for a lower development cost profile

- Close to Whyalla (not reliant on an entire FIFO workforce) inc. service providers
- Competitive wellfield drilling development costs due to shallow nature of the deposit
- Communication 4G network existing at site



The Samphire Uranium Project - Labour and Services

Services

- LV & HV maintenance
- Aircon
- Cleaning
- Engineering and Fabrication
- Laboratory
- Medical
- Dangerous Goods Transport
- General Freight
- Borehole Logging

Labour

- Administration
- Warehouse
- Polywelding
- Electrical
- Boilermakers
- Mechanical Fitters
- Operators
- Earthmoving (backhoe)
- Field Technicians



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