



tivan
a critical minerals company

Half Yearly Briefing

Executive Chair, Grant Wilson

4:30pm AEST / 13 July 2023



Tivan: Capital raise – breaking the cycle

Tivan's capital raise in July 2023 sets a new benchmark for the critical minerals sector in Australia and provides a foundation for scaleable access to global capital markets.

- > Minimal discount
- > Near zero fees
- > Global institutional participation
- > Retail alignment
- > Director endorsement

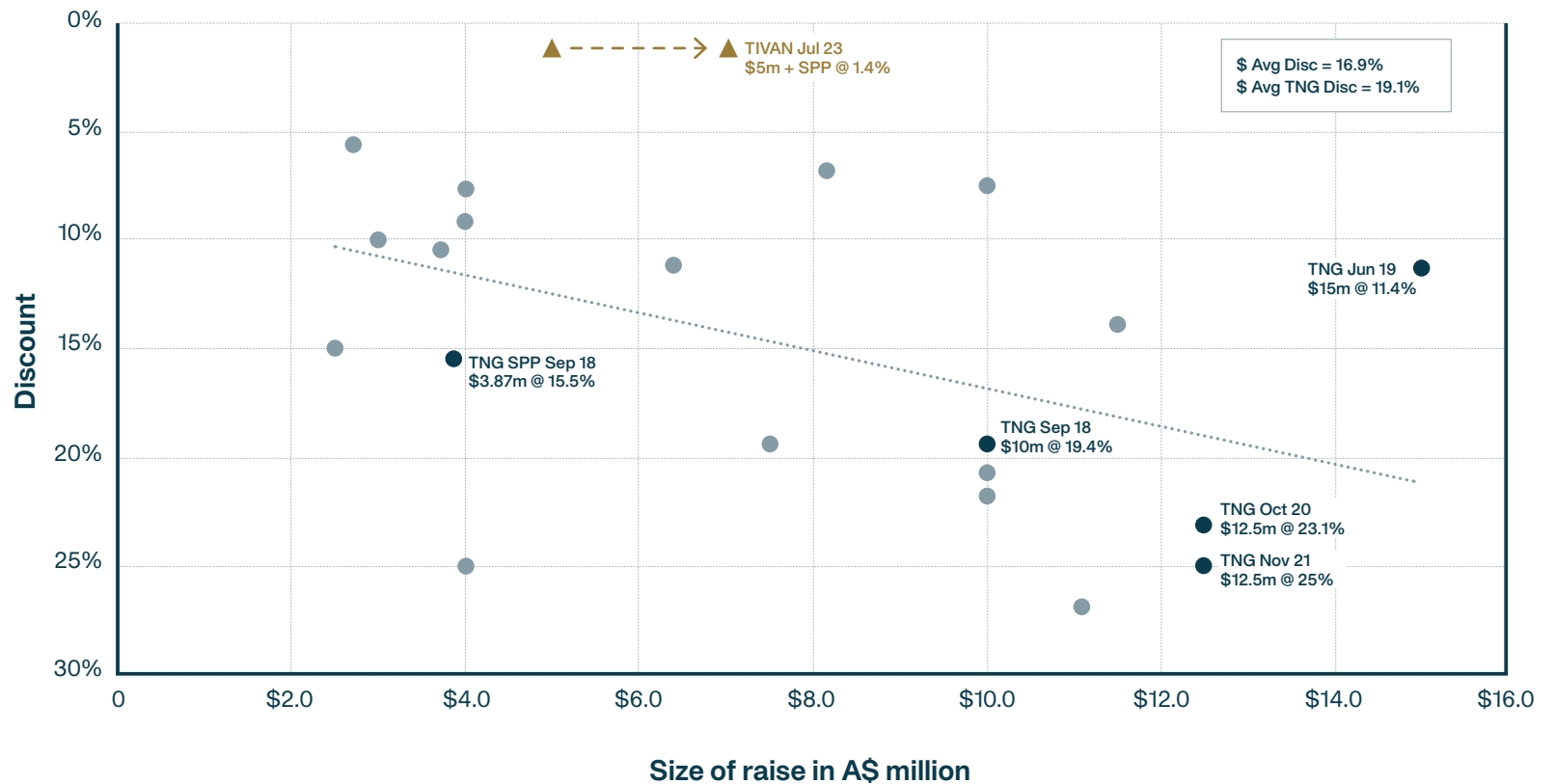


Figure 1: Peer Review – Capital Raisings
Size vs Discount – last three months



Tivan: Project FastTrack – let’s be first to market

Tivan’s “Project FastTrack” initiative

- > Strategic partnership with Cambridge Gulf Limited at Wyndham Port
- > Project pathway optionality focused on minimal viable metrics & fastest route to revenue
- > A “crawl, walk, run” approach underwrites social licence to operate and project finance rounds
- > FastTrack to be pursued in conjunction with Tivan+ technology pathway.

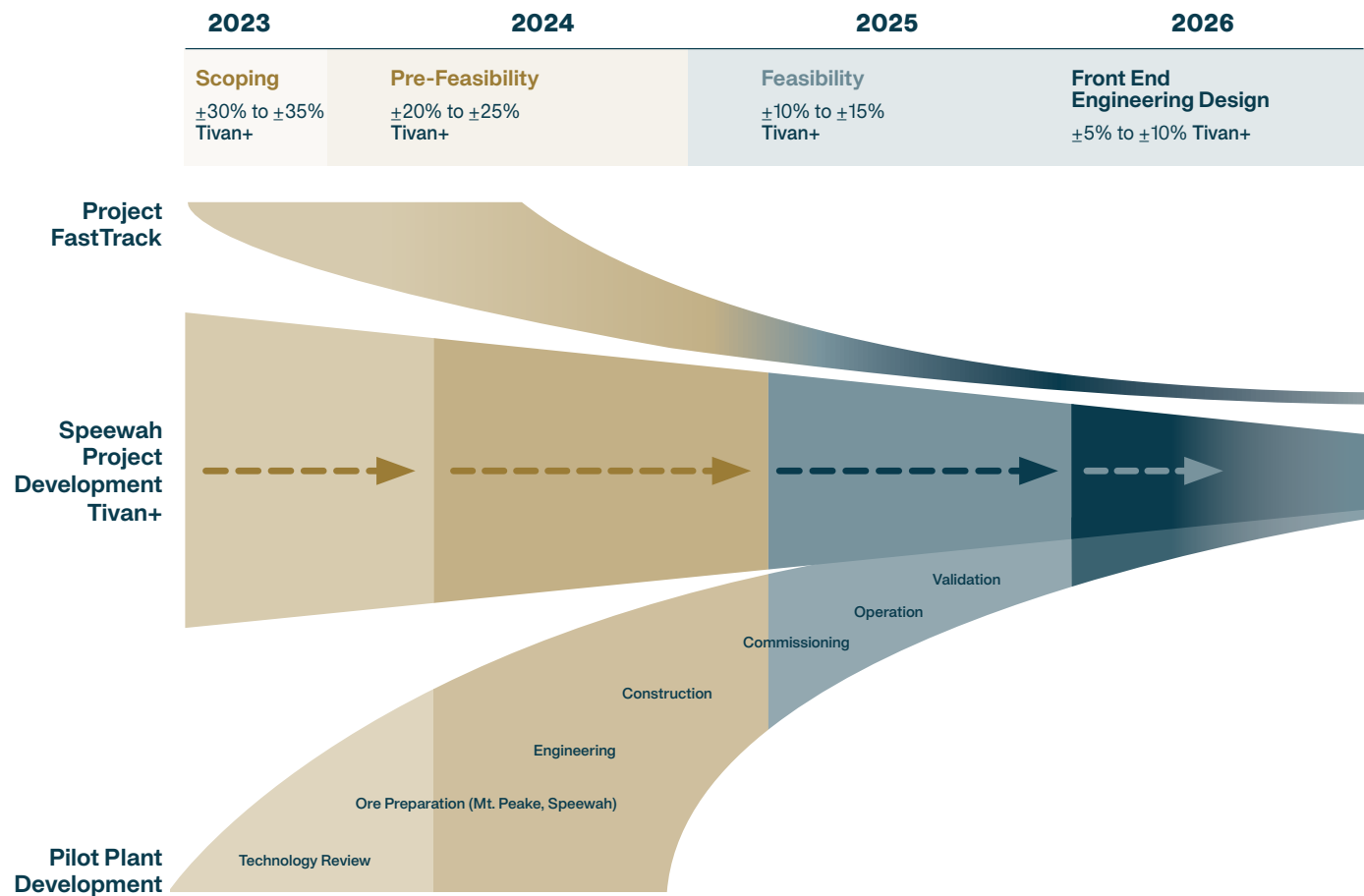


Figure 2: Tivan’s timelines

[Refer to deck dated 12 April 23 for further information](#)

Tivan: Technical Advisory Group – bringing the A-list together



Dr Maria Skyllas-Kazacos
Emeritus Professor, University of NSW

After graduating with 1st Class Honours and the University Medal in Industrial Chemistry at UNSW Sydney, Maria then completed her PhD in the area of High Temperature Molten Salt Electrochemistry under the supervision of Professor Barry Welch. She spent a year as a Member of the Technical Staff at Bell Telephone Laboratories in the USA where she worked on liquid junction solar cells and on lead-acid batteries.

Returning to Australia, she was awarded a Queen Elizabeth II Postdoctoral Fellowship to continue her work on liquid-junction solar cells with Prof Dan Haneman at UNSW. In 1982, she was appointed to the academic staff in the School of Chemical Engineering and Industrial Chemistry where she initiated research programs in aluminium electrowinning and began her pioneering work on vanadium flow batteries.

After filing the first patent on the VRFB in 1986, Maria expanded her research team's efforts into all areas of the VB technology, from electrolyte production to stack materials, design and manufacture, sensors and control system development, while also completing several field trials. Over the next 30 years, her group's work led to more than 40 new patents which currently form the basis of the VFB technology that is being commercialised globally.

In 1999 Maria was made Member of the Order of Australia. She is a Fellow of the Australian Academy of Technological Sciences and Engineering, of the Royal Australian Chemical Institute and of the Institution of Engineers Australia.



Stéphane Leblanc
**Former Managing Director Rio Tinto
Iron & Titanium**

Canadian Senior Executive leveraging extensive global operations and functional leadership experience within diverse mining sectors. Influential, innovative and safety award winning leader with a track record of delivering transformational change and cultivating HSE and ESG as values. Proven capability to align resources, facilitate cohesion and empower teams to deliver on aggressive targets. Expertise in developing strategic plans to increase business value and able to respond rapidly to business changes in complex context. Stéphane formerly served as Managing Director, Rio Tinto Iron & Titanium (RTIT) with operational, commercial and marketing responsibility for RTIT. Based in Montreal, Canada, he additionally led a broad range of innovative demonstration plants, most recently including decarbonisation of ilmenite, production of lithium concentrate and recovery of scandium oxides. Prior to this he was at Kennecott Utah Copper and employed by Rio Tinto for over 30 years in operations management and HSE, including two years as Global Head of HSE for the Alcan smelter group.

Stéphane holds a Bachelor of Science degree in Mechanical Engineering from the University of Sherbrooke in Quebec.



Simon Flowers
Consultant

Simon is a chartered engineer and project delivery professional specialising in the development and delivery of sustainable solutions for the industrial sector. Simon spent seven years in the United Kingdom advising and delivering ERP projects on large infrastructure developments. He led an international team for twelve years with a US energy firm ConocoPhillips where he was responsible for delivering strategic business change initiatives and programmes of engineering projects on onshore and offshore hydrocarbon processing facilities.

Simon is a born and bred Territorian and in his recent role he led the NT Government's team that was accountable for the strategic direction, design and delivery of land and marine infrastructure and Northern Australia's first Strategic Environmental Assessment of the Middle Arm Sustainable Development Precinct (MASDP). The precinct development delivers a comprehensive road map to support critical minerals, low emissions hydrocarbon processing and hydrogen production facilities.

Simon is currently the Director and Principle of Sustainergy Consulting Pty Ltd, specialising in improving environmental, social and economic outcomes for industry and he is currently finalising a Masters of Sustainable Energy Development (MSE) at the University of Queensland. He serves as the deputy president of Engineers Australia Northern Division and serves on Engineers Australia National Congress.

Tivan: Executive Chair & Board – committed to delivering



- > **Jul – Nov 2022:** TNG Change campaign
- > **Jan 2023:** Rename & rebrand as Tivan
- > **Feb 2023:** MASDP relocation
- > **Feb 2023:** Speewah acquisition
- > **Mar 2023:** Sandover with Earth AI
- > **Apr 2023:** Sun Cable Lol
- > **Apr 2023:** Board refresh
- > **Apr 2023:** Redefinition of Company mission
- > **May 2023:** CDU MoU
- > **May 2023:** Technical Advisory Group
- > **July 2023:** Capital raise, at minimal discount



Transformative change



Decisive leadership



Shareholder alignment



Social licence to operate



Digital transformation



Forthright, transparent communications



Tivan: What's next?



Corporate

July 24-25:
Developing Northern Australia
Conference (CC)

July 25:
Darwin Office opening event

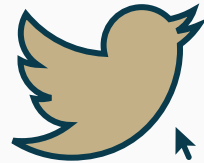
Aug 1-2:
Indigenous Peoples and
Critical Minerals Workshop

Aug-Sep:
Japan trip (GW)

Sept 8th:
Future NT Event, NT News

Sept 13-14:
NT Resources Week

Nov:
US trip (GW)



AGM

Location:
NT (Darwin or Jabiru)

Date:
late October



CSIRO



Project Fast Track



Values

Hard Work

Integrity

Resilience

Disclaimer: Reliance



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