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'Unlocking the North Eastern Flank of the Yandal Belt'



STK Presentation | Exploration Plan | April 2024





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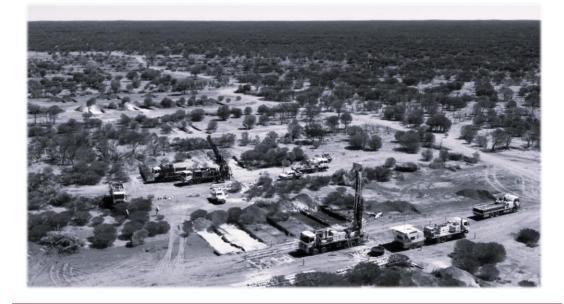
Competent Person Statement: The information in this presentation that relates to Exploration Results and Mineral Resources has been extracted from various STK ASX announcements and are available to view on the STK website at <u>www.stricklandmetals.com.au</u> or through the ASX website at <u>www.asx.com.au</u> (using ticker code "STK"). STK confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

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Corporate Snapshot

Board		
Anthony McClure	Non-Executive Chairman	
Mark Cossom	Non-Executive Director	
wavid Morgan	Non-Executive Director	
Trent Franklin	Non-Executive Director	
Management		
Andrew Bray	Chief Executive Officer	
Bichard Pugh	Geology Manager	
Peter Langworthy	Technical Consultant	
Sleiman Majdoub	Company Secretary	
Significant Shareholders		
L11 Capital Pty Ltd	10.30%	
Millrose Gold Mines Ltd (a	ind associates) 5.28%	
Mr Shane Ball (and associa	ates) 5.01%	



Capital Structure

ASX Ticker	STK
Shares on issue	1,662,783,420
STKOA Expiring 17 th May 2024	129,604,382
Performance rights	29,100,000
Other options	30,000,000
Share Price	\$0.12
Market Capitalisation (Undiluted)	~\$199.5mil
Cash + NST Shares as at 31 December 2023	~\$54mil
Тор 40	53.7%
Board & Management	14.8%

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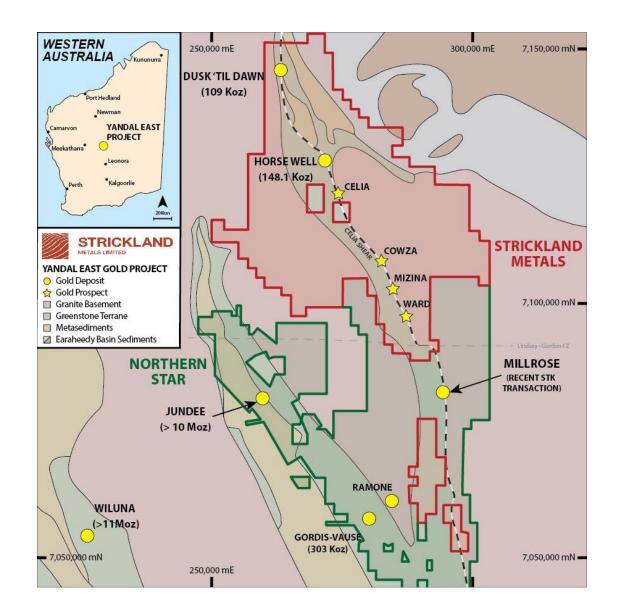
Strickland Drilling April – June 2024

Initial Drill Program Overview



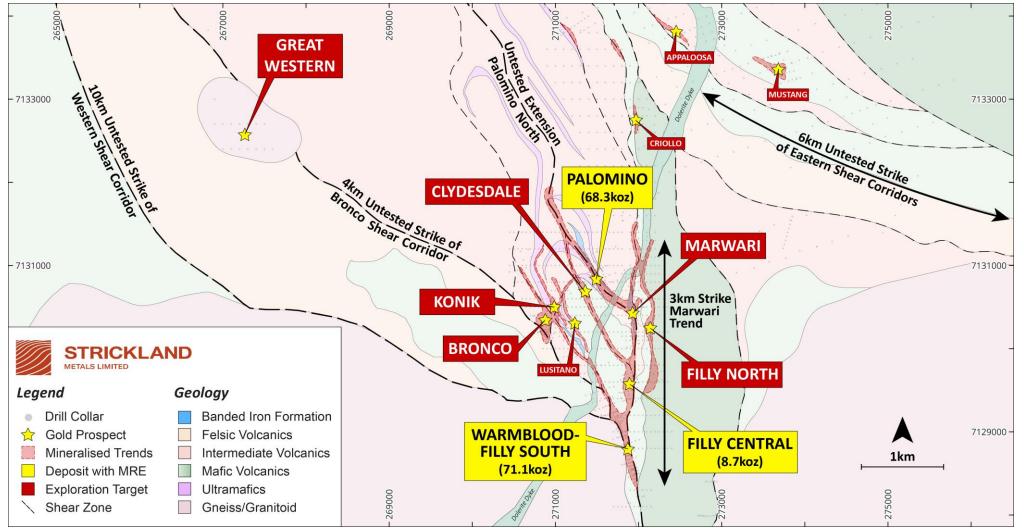
Project Overview Geological Setting

- Major gold deposits in the Yandal, such as the high-grade Jundee Deposit and Horse Well Gold Camp, are situated at jogs within the Celia Shear Zone
- Deep regolith profile; opportunity for shallow oxide resource growth
- Only 26% of historic drilling reaches depths greater than 100m
- The Project is adjacent to Northern Star's Yandal Production Centre
- Strickland's gold deposits are located within 50km of the Jundee gold mine





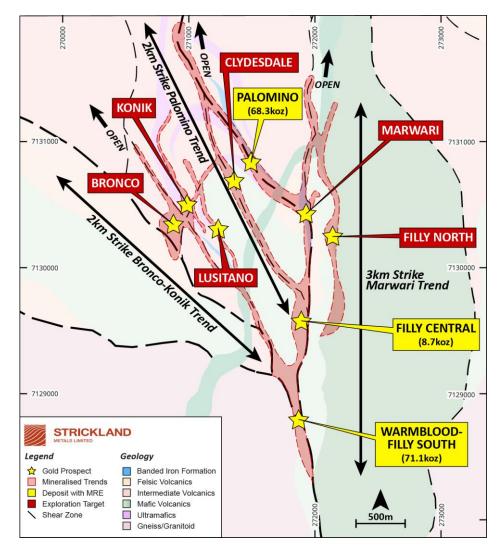
Horse Well Gold Camp





Horse Well Gold Camp Prospects Overview

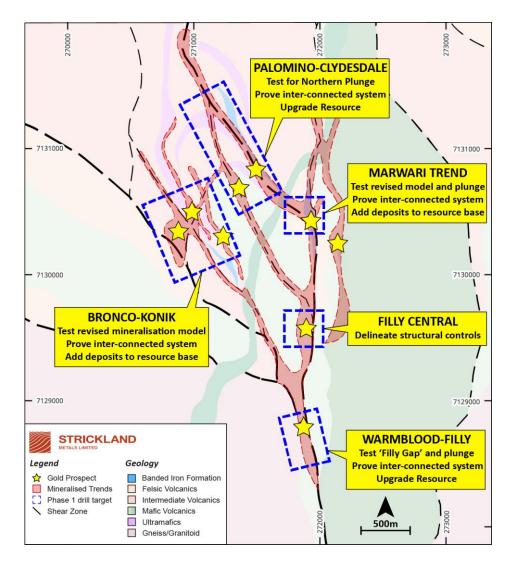
- The Horse Well Gold Camp is situated at a major jog in the Celia Shear Zone
- The Horse Well Deposits are part of a **multi-structure**, **highly endowed**, **interconnected gold system** spanning a minimum footprint of 4km x 2.5km
- Geological and geochemical controls on mineralisation are poorly constrained as historic assays were limited to gold only
- No structural constraints on mineralisation; only two diamond holes have been drilled to date outside of Marwari





Horse Well Gold Camp Exploration Focus

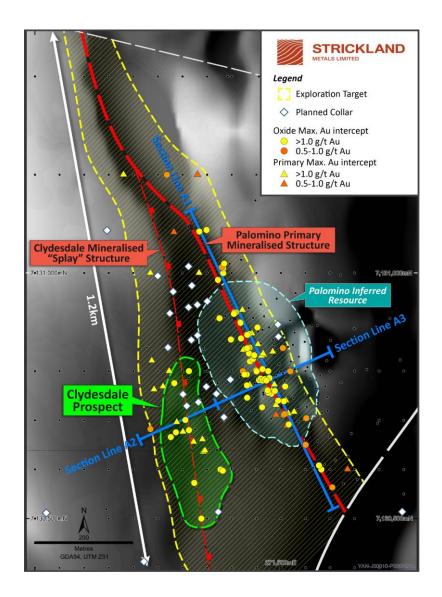
- Strategic Phase 1 exploration drilling at the Yandal East Project will involve:
 - Diamond drilling to understand the structural controls on mineralisation at the Horse Well Gold Camp
 - Targeted RC and Diamond drilling to define highquality, from-surface oxide gold resources
 - Immediate expansion of the mineral resource through targeting of primary structures to demonstrate the wider potential of the gold system
- Phase 1 drilling across all prospects will include:
 - 25 Diamond drill holes
 - 28 RC drill holes
 - Combined total of 10,000m





Horse Well Gold Camp Palomino-Clydesdale Trend

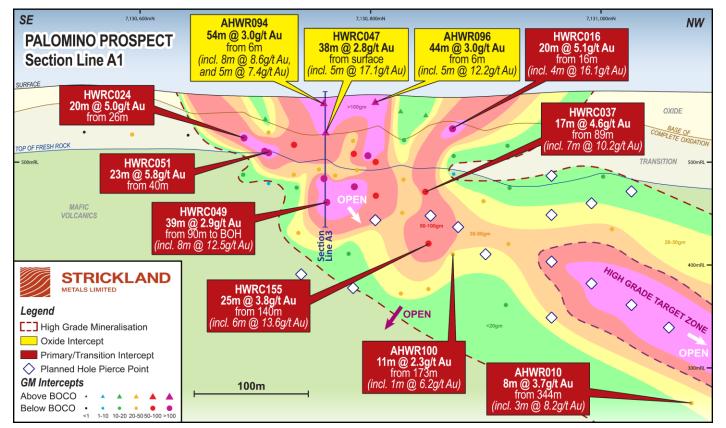
- Palomino and Clydesdale are thought to be part of a larger combined mineralised system, with Clydesdale being a splay off the main Palomino Structure
- From-surface well developed and high-grade oxide mineralisation to ~50m depth suitable for open pit mining
- Mineralised trend is open to the north and south, potentially connecting with Marwari and Filly Central
- Palomino and Clydesdale offer fantastic down-dip and down-plunge potential for significant resource expansion and have high-grade primary mineralisation components that are potentially suitable for a high-grade underground mining scenario
- Potential for much more significant gold mineralisation at depth





Horse Well Gold Camp Palomino-Clydesdale Trend

- Drilling at Palomino will focus on **understanding the structural controls** on mineralisation and determining pathfinder elemental characteristics for exploration targeting (no historic multielement data)
- Initial RC drilling will focus on defining highquality from-surface oxide resources
- Initial diamond drilling will target the high-grade primary lodes to collect crucial structural data
- Follow-up drilling will take a stepped approach, progressively targeting down-dip and downplunge extensions to the resource for underground mining potential

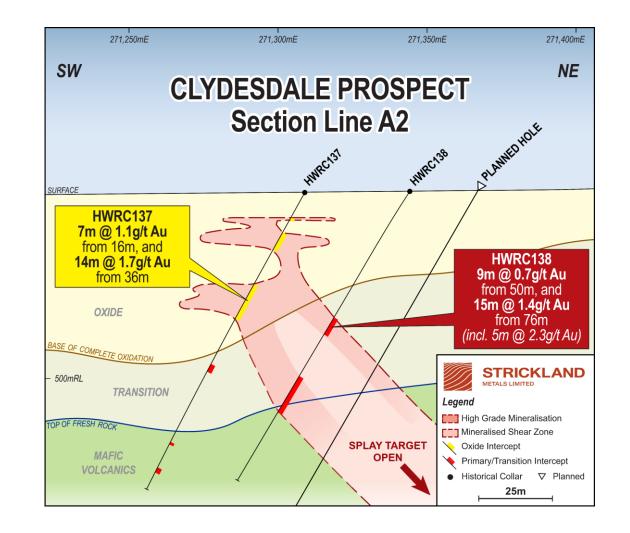




Horse Well Gold Camp Palomino-Clydesdale Trend

Drilling at Clydesdale will initially follow-up high-grade shallow intercepts to define the extents of oxide mineralisation:

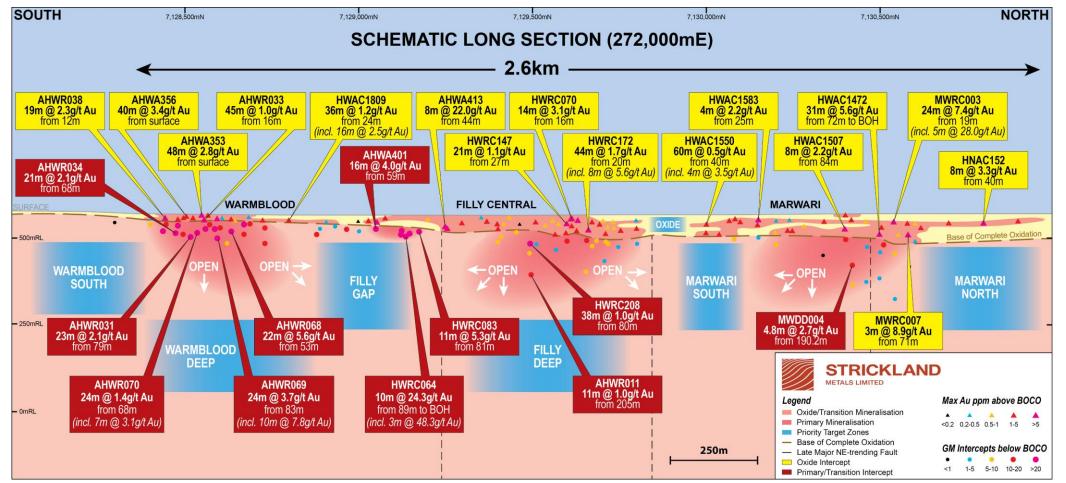
- HWAC1376: 4m @ 7.8g/t Au from 52m
- HWRC139: 15m @ 1.4g/t Au from 6m
- HWRC137: 14m @ 1.7g/t Au from 36m
- HWRC186: 13m @ 1.3g/t Au from 55m
- HWRC138: 15m @ 1.4g/t Au from 76m (incl. 5m @ 2.3g/t Au)
- Diamond drilling will target the east-dipping primary lodes
- Follow-up resource drilling to add the shallow, high-grade Clydesdale prospect to the resource base





Horse Well Gold Camp

Marwari-Warmblood Trend





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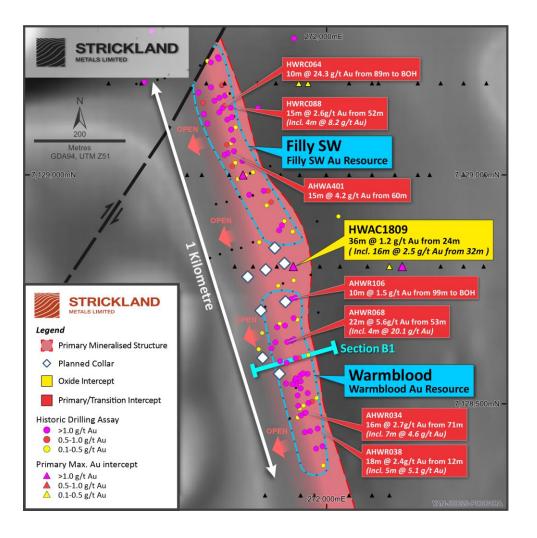
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Horse Well Gold Camp Warmblood-Filly South

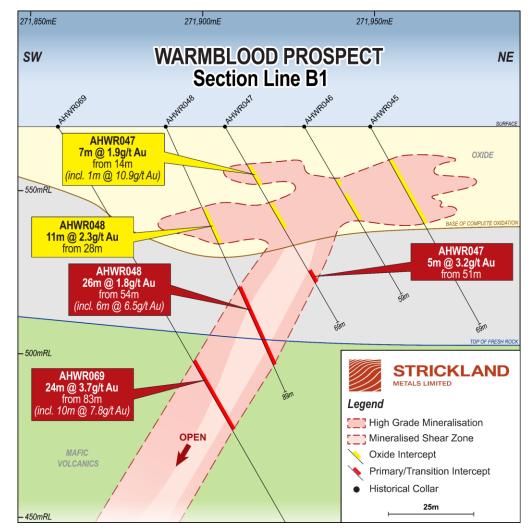
- Warmblood and Filly South are now thought to be part of a larger combined mineralised system with a minimum strike length of 1km
- Mineralisation is open to the north along strike and at depth
- Down-dip and down-plunge **potential for significant resource expansion** across the 'Filly Gap' between Warmblood and Filly South
- High-grade primary mineralisation components that are potentially suitable for a **high-grade underground mining scenario**:
 - HWRC064: 10m @ 24.3g/t Au from 89m to BOH
 - AHWR034: 16m @ 2.7g/t Au from 71m (incl. 7m @ 4.6g/t Au)
 - AHWR038: 18m @ 2.4g/t Au from 12m (incl. 5m @ 5.1g/t Au)





Horse Well Gold Camp Warmblood-Filly South

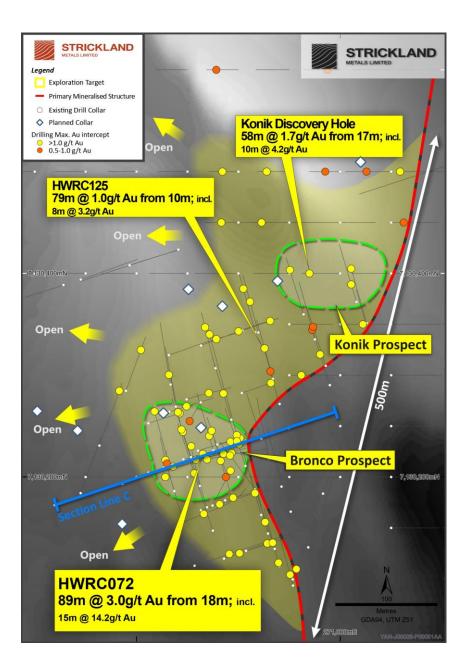
- From-surface well developed and **high-grade oxide mineralisation** suitable for open pit mining, including:
 - AHWA353: 32m @ 3.9g/t Au from 0m (incl. 16m @ 6.6g/t Au)
 - AHWA356: 40m @ 3.4g/t Au from 0m (incl. 12m @ 9.0g/t Au)
 - AHWR038: 18m @ 2.4g/t Au from 12m (incl. 5m @ 5.1g/t Au)
 - AHWR043: 22m @ 3.7g/t Au from 10m (incl. 9m @ 5.2g/t Au)
- Initial diamond drilling will target the high-grade primary lodes to collect crucial structural data
- RC drilling will focus on bridging the gap between the two prospects for a combined resource upgrade





Horse Well Gold Camp Bronco-Konik Trend

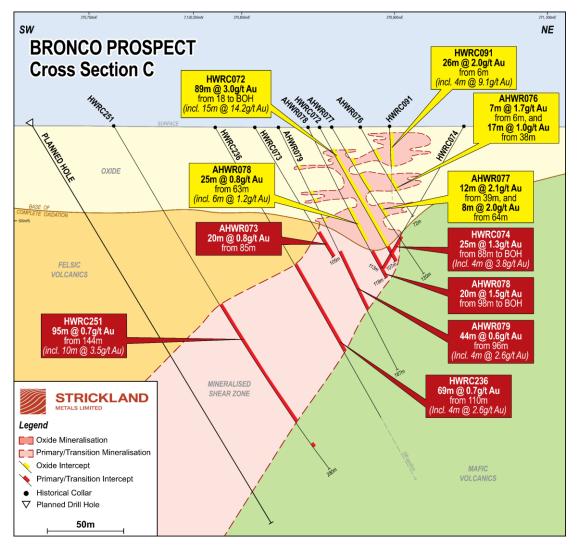
- Bronco and Konik are thought to be part of a larger combined mineralised system along the western margin of the Horse Well Camp
- From-surface well developed and **high-grade oxide mineralisation** to ~90m depth suitable for open pit mining
- Primary mineralised trend is open along strike and at depth
- Bronco-Konik represents a large bulk-tonnage target with minimal testing of primary structures:
 - HWRC251: 95m @ 0.7g/t Au from 144m
 - AHWR078: 20m @ 1.5g/t Au from 98m to BOH
 - HWRC096: 32m @ 1.2g/t Au from 65m (incl. 7m @ 3.2g/t Au)





Horse Well Gold Camp Bronco-Konik Trend

- Drilling at Bronco-Konik will focus on **understanding the structural controls** on mineralisation and determining pathfinder elemental characteristics for exploration targeting (no historic multi-element data)
- Initial RC drilling will focus on **defining high-quality fromsurface oxide resources** across the 500m strike length of mineralisation:
 - HWRC072: 89m @ 3.0g/t Au from 18m (incl. 15m @ 14.2g/t Au)
 - HWRC125: **79m @ 1.0g/t Au** from 10m (incl. **8m @ 3.2g/t Au**)
 - HWAC1488: 58m @ 1.7g/t Au from 17m (incl. 10m @ 4.2g/t Au)
- Initial diamond drilling will target the primary lodes to collect crucial structural data and extend the resource down-dip and down-plunge

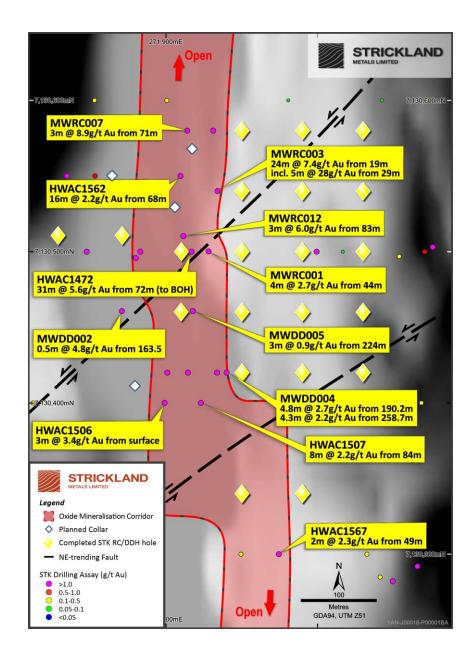


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Horse Well Gold Camp Marwari

- Shallow **high-grade oxide mineralisation** suitable for open pit mining, including:
 - MWRC003: 24m @ 7.4g/t Au from 19m (incl. 5m @ 28.0g/t Au)
 - HWAC1472: 31m @ 5.6g/t Au from 72m to BOH
- Oxide mineralisation intersected continuously over a 600m+ strike
 - RC drilling will focus on **determining the orientation** of the primary lodes



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