



# Creating Value Through Discoveries

Investor Presentation

October 2021



# Corporate Overview



## CAPITAL STRUCTURE

**505M**  
SHARES ON ISSUE

**\$38M**  
MARKET CAP  
as at Oct 12, 2021 (7.5c)

**172M**  
LISTED OPTIONS  
Exercise Price \$0.05

**\$2.0M**  
CASH  
as at Oct 1, 2021

ASX:GSN Price \$ Volume



## BOARD OF DIRECTORS & MANAGEMENT

### Mr John Terpu, Executive Chairman

- More than 20 years' commercial and management experience
- Former MD of Conquest Mining Limited (now Evolution Mining Limited) for 12 years and led the discovery of the Mt Carlton gold/silver/copper project

### Mr Sean Gregory, Chief Executive Officer

- More than 20 years' experience as a geologist and project developer with Barra Resources (MD), Min Res (GM Technical), MMX (GM Geology), BHP (Principal Geologist)
- Track record of numerous successful mine developments and corporate transactions

### Mr Matthew Blake, Non-Executive Director

### Ms Kathleen Bozanic, Non-Executive Director

### Mr Andrew Caruso, Non-Executive Director

### Mr Mark Petricevic, CFO & Company Secretary

# Key Assets and Fundamentals



## Strategic Projects

- Laverton Gold District (>25Moz) – Duketon (incl. Southern Star), Mon Ami
- North QLD Gold District (>20Moz) – Edinburgh Park (Au, Cu, Ag)
- Other commodities – East Laverton nickel sulphide potential

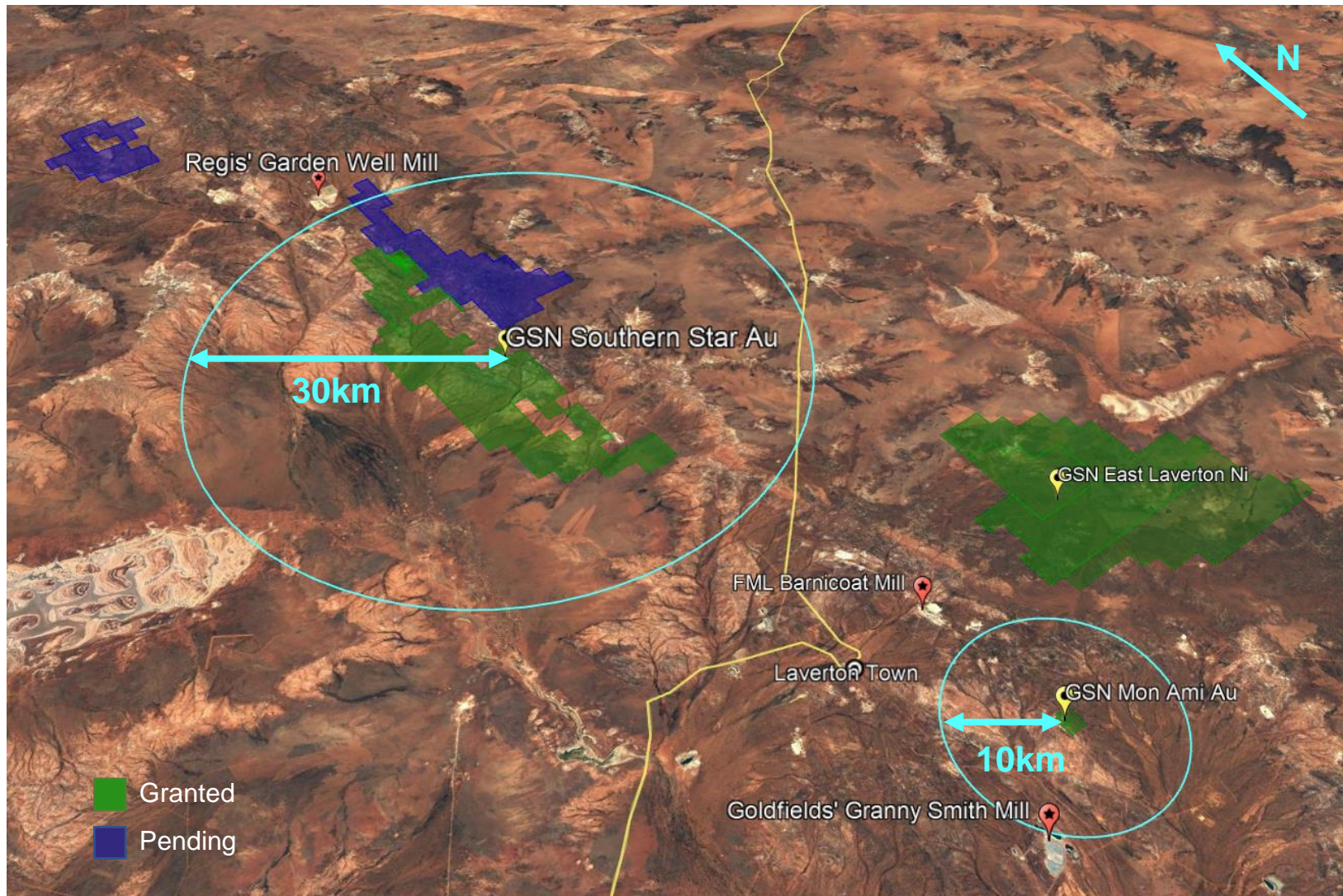
## The Right Team

- Management team with proven track record in value creation
- Advanced exploration infrastructure in place

## Extensive Work Program

- Drilling at Duketon Gold Project (incl. Southern Star)
- Grassroots exploration ongoing across vast landholdings >2,000km<sup>2</sup>

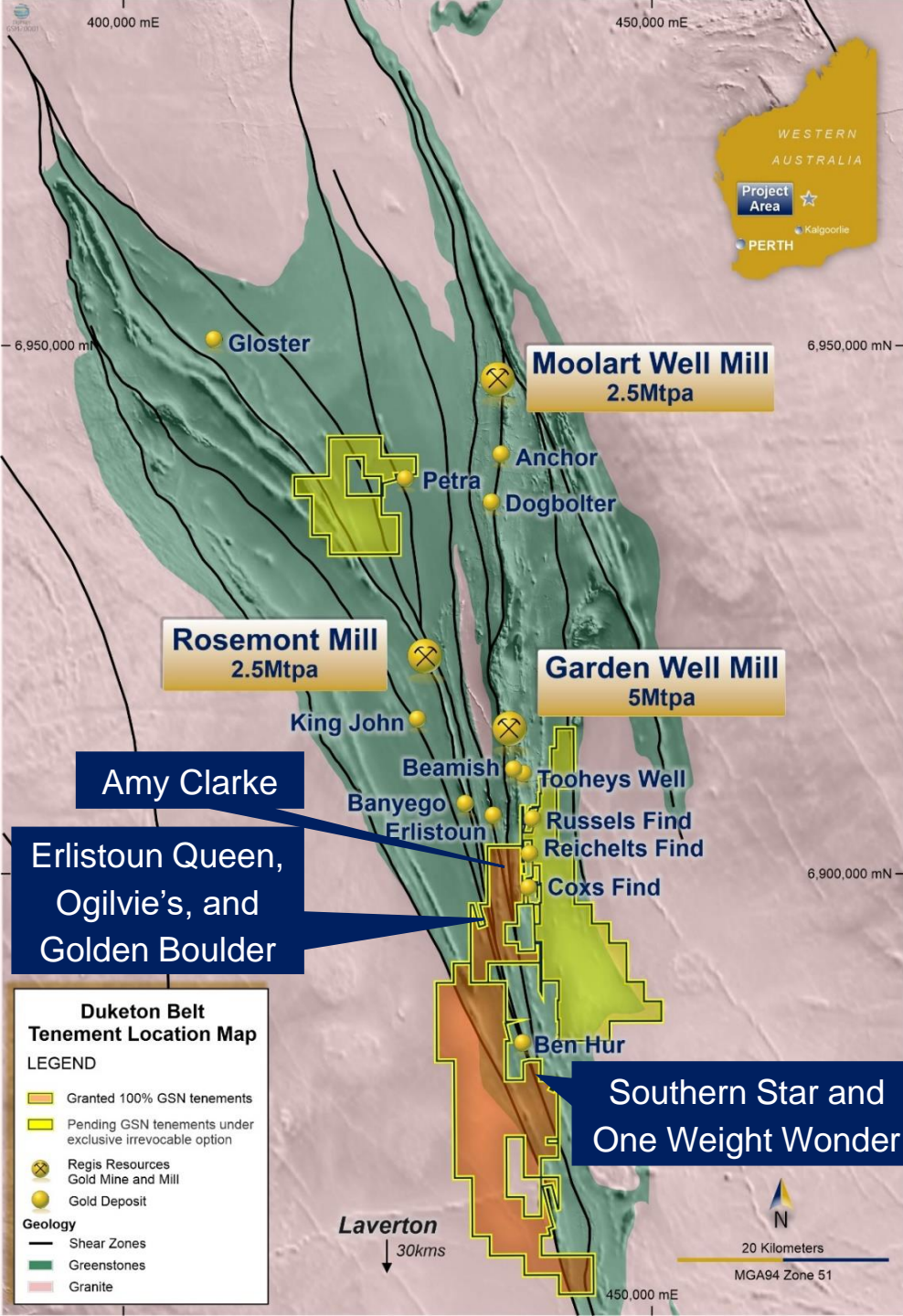
# WA Gold Projects: Close to Operating Mills



- Southern Star within 30km of Regis' low-grade Garden Well Mill
- Mon Ami is only 10km from Goldfields' Granny Smith Mill (operating at 50% capacity)<sup>1</sup>
- 8 potential milling solutions within 150km of Laverton

<sup>1</sup>Source: [www.goldfields.com/australia-region.php](http://www.goldfields.com/australia-region.php) "3.5Mt Capacity" vs June 2020 Half Yearly Report of 877kt processed at Granny Smith

# Duketon Gold Project



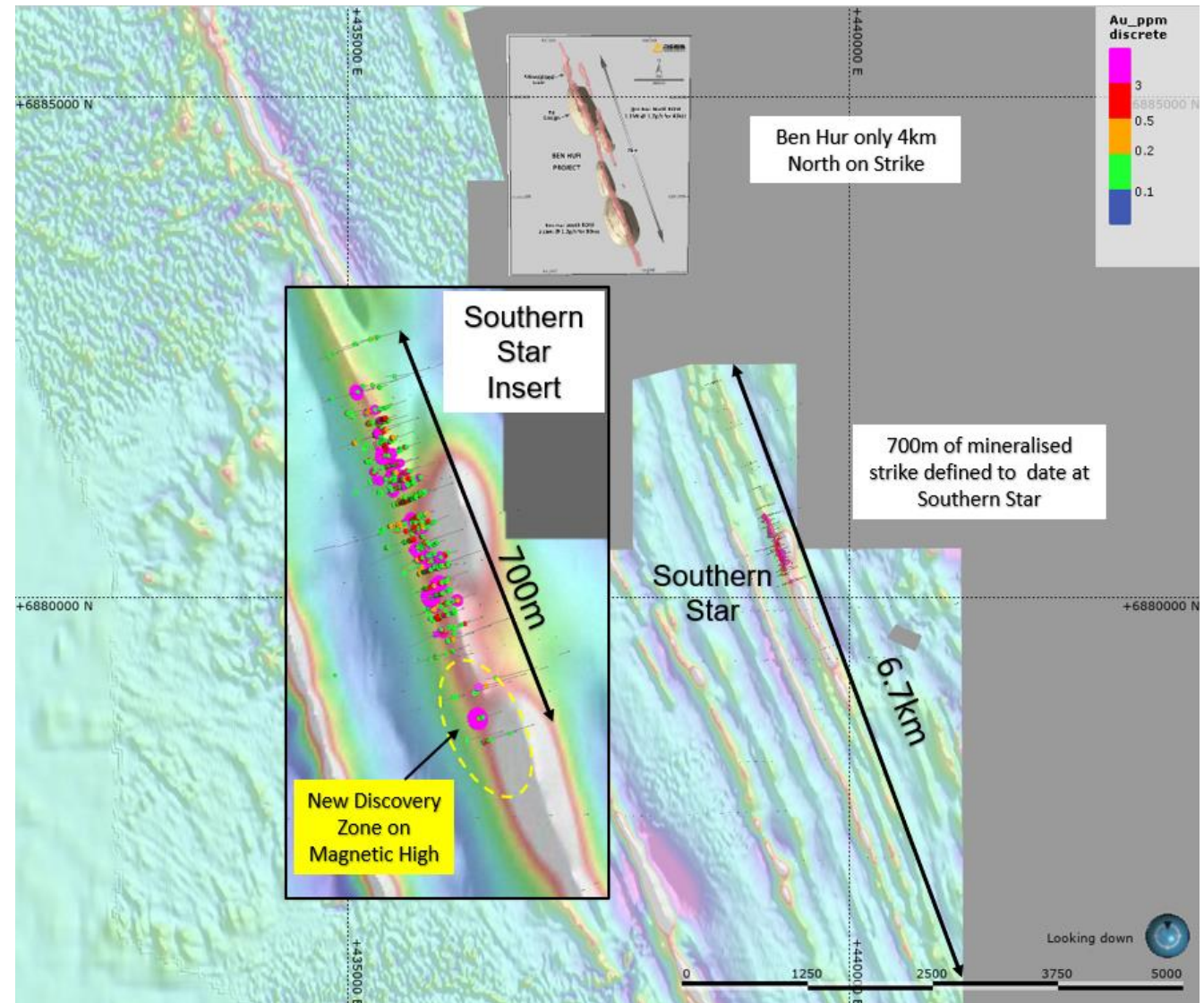
- Recent agreements now bring GSN's Duketon Belt landholding<sup>1</sup> to 459km<sup>2</sup>
- GSN the second largest landholder in the Duketon Belt with 10% of the greenstone
- >50km strike length of the main mineralised structures in the belt to explore
- Recent high-grade gold results

<sup>1</sup> Including tenement applications and exclusive irrevocable options

# Duketon: Southern Star Deposit



- 100% GSN owned
- 4km along strike from Regis' 390koz Ben Hur Deposit<sup>1</sup>
- Previously drilled 2017-18
- >700m strike of thick continuous stacked gold mineralisation open in all directions
- 12km of this mineralised trend to explore here and further north

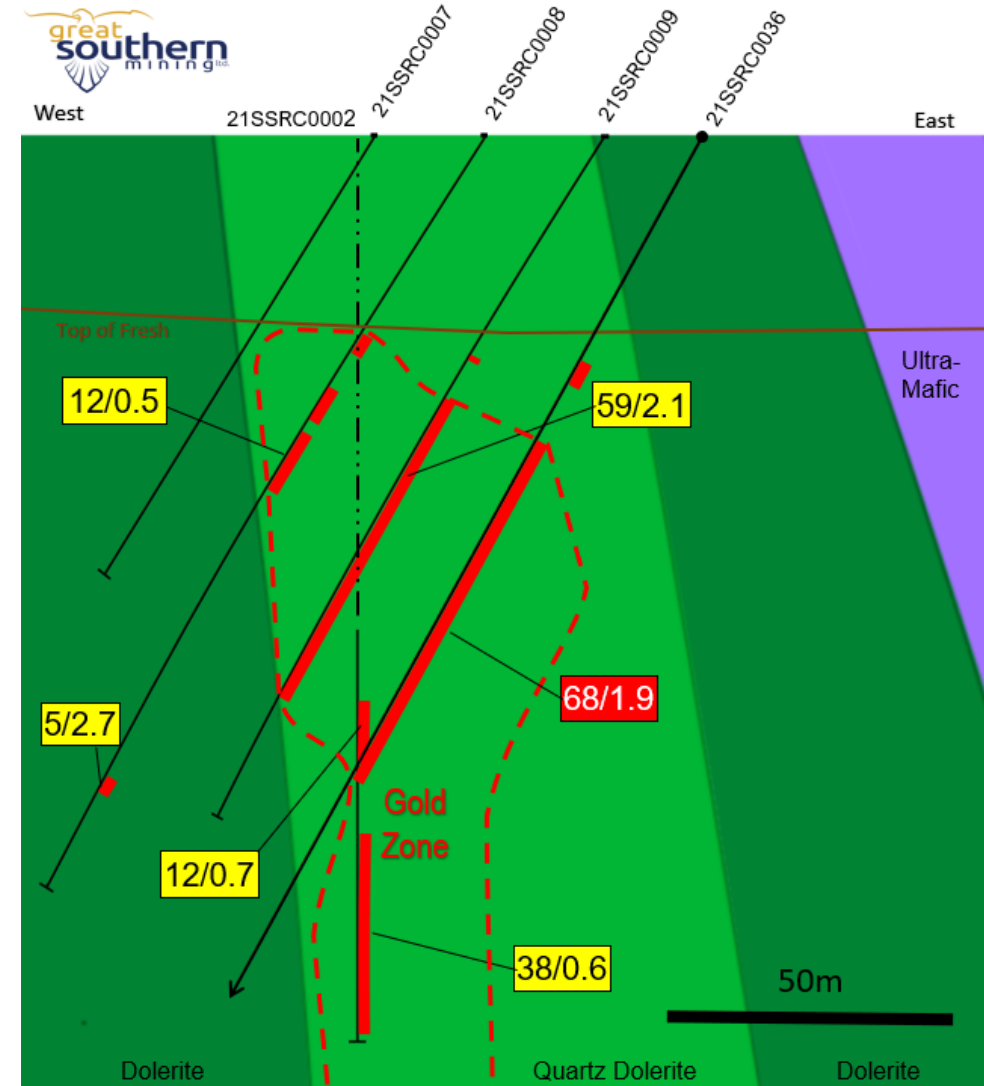
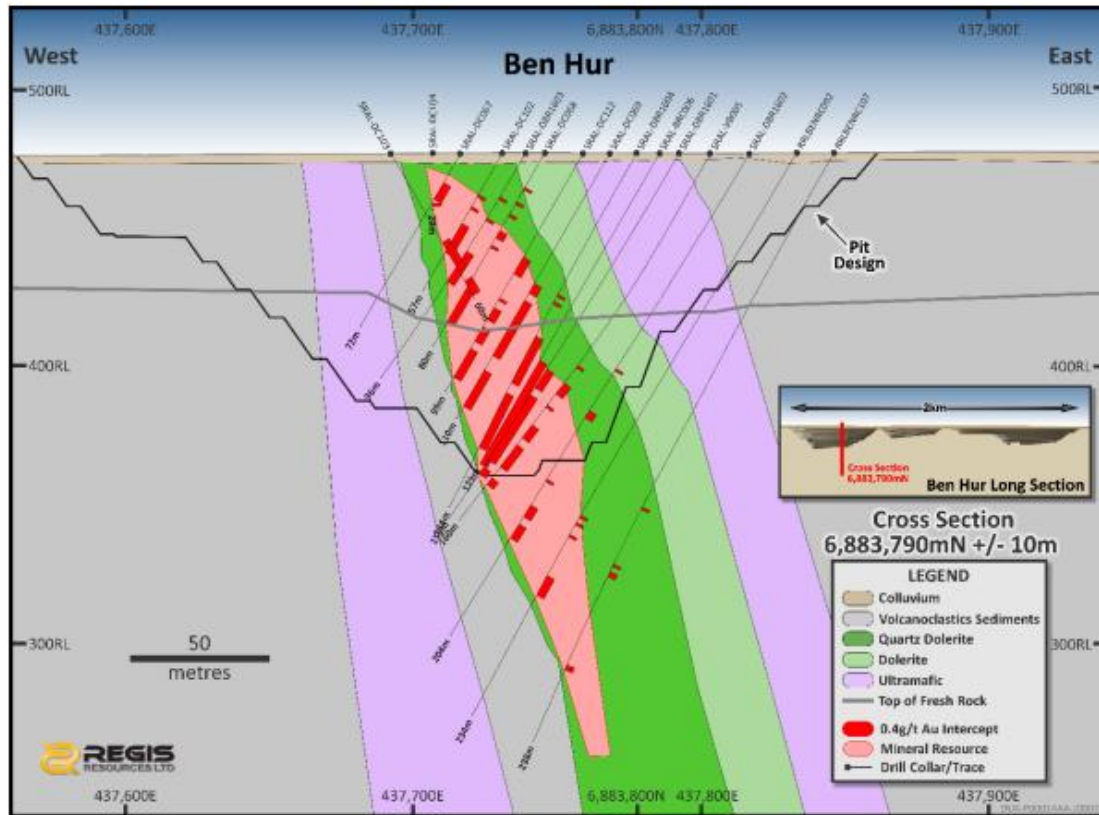


<sup>1</sup> Refer to ASX:RRL Announcement 6/4/21

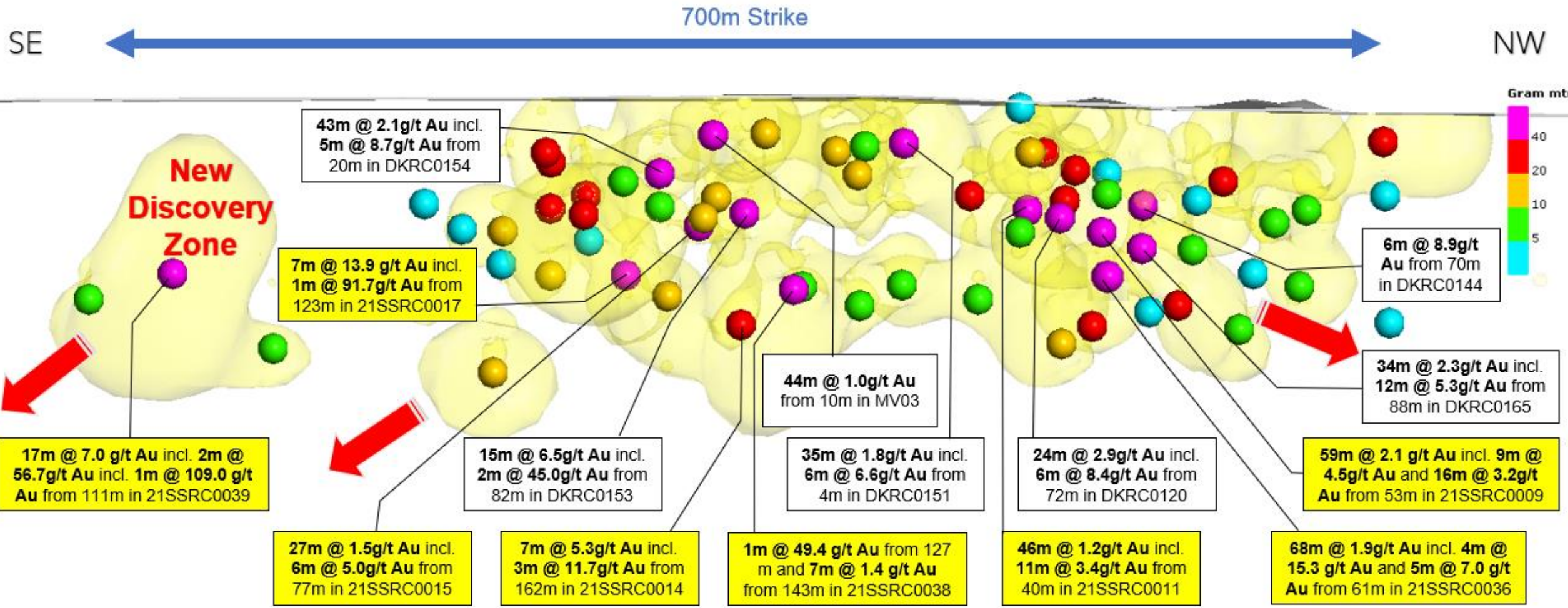
# Duketon: Southern Star Cross Section



Cross section of the Ben Hur deposit (390 koz Au, Regis Resources, LHS) compared to Southern Star (RHS) located 4 km along strike within the same quartz dolerite unit



# Duketon: Southern Star Long Section



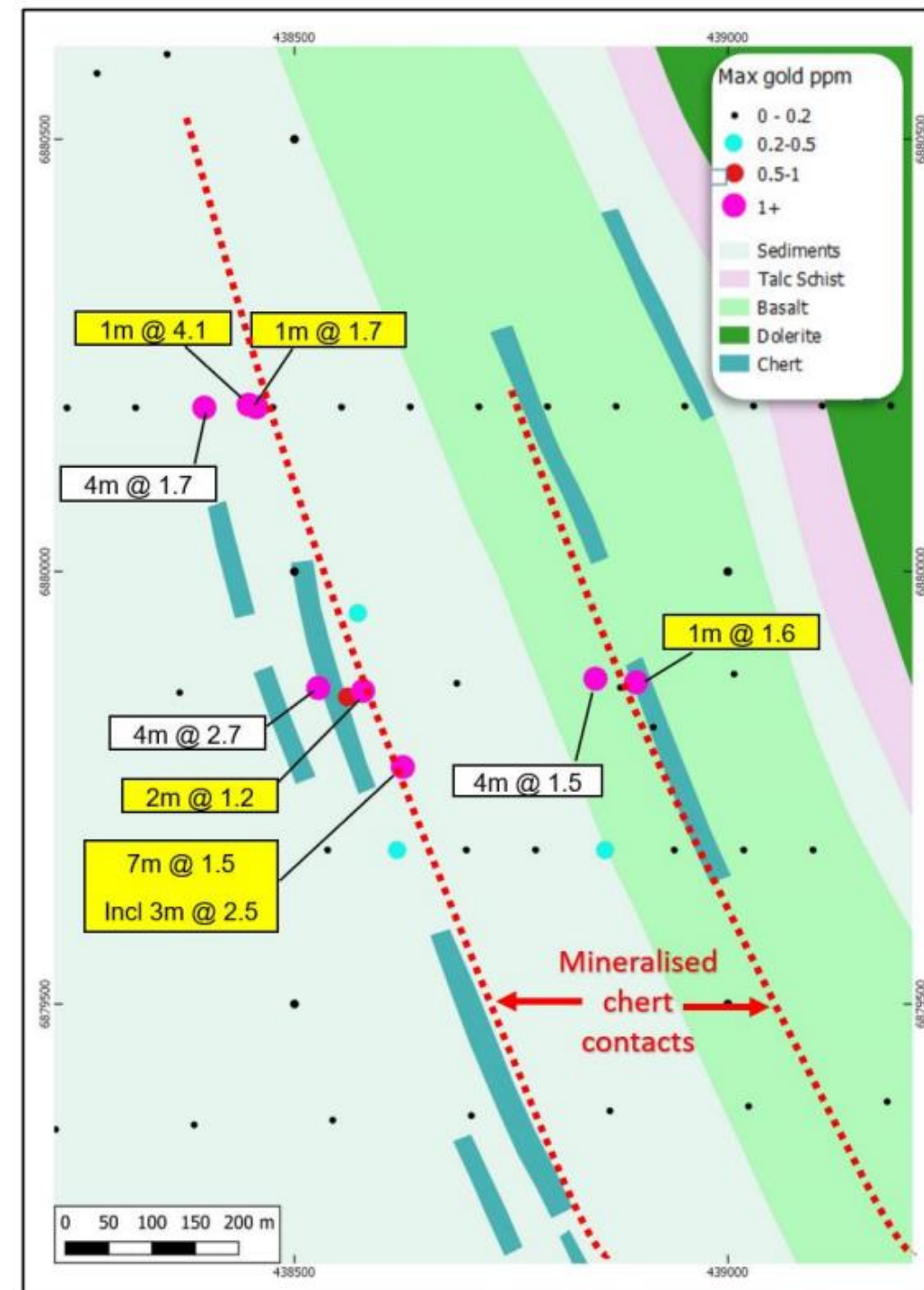
<sup>1</sup> Refer to ASX:GSM Announcements 2/2/21, 2/8/21, 23/8/21, 5/10/21, 11/10/21



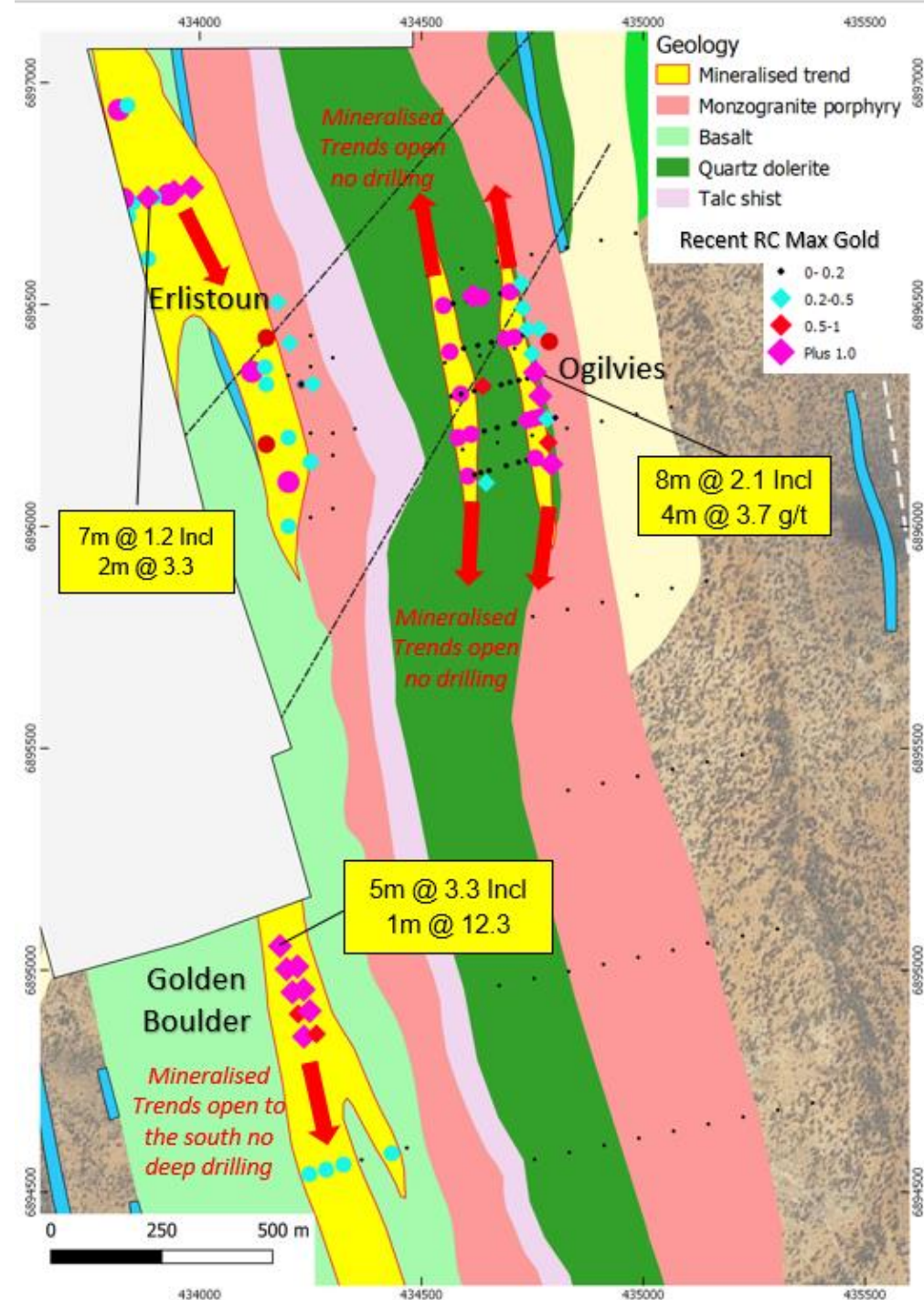
# Duketon: One Weight Wonder

- Historical RAB intersections<sup>1</sup>:
  - 4m @ 2.7 g/t Au from 28m
  - 4m @ 1.7 g/t Au from 28m, and
  - 4m @ 1.5 g/t Au from 12m
- Coincident with GSN 2021 soil anomaly
- First-pass RC Drilling complete; established that mineralisation is thickening and increasing in grade at depth:
  - 7m @ 1.5 g/t Au incl. 3m @ 2.5 g/t Au
  - 1m @ 4.1 g/t, and
  - 2m @ 1.2 g/t Au

<sup>1</sup>Refer ASX:GSN Announcements 27/4/21 and 23/9/21



# Duketon: Erlistoun



- Targets generated by GSN in-house geology team following collation of over 24,000 soil samples and 12,000 drillholes across Duketon Belt
- 2021 Regional RC drilling hit 4 out of 4 targets:
  - Ogilvie's
  - Golden Boulder
  - One Weight Wonder
  - Erlistoun
- Drilling is sparse and mineralised trends are under-explored



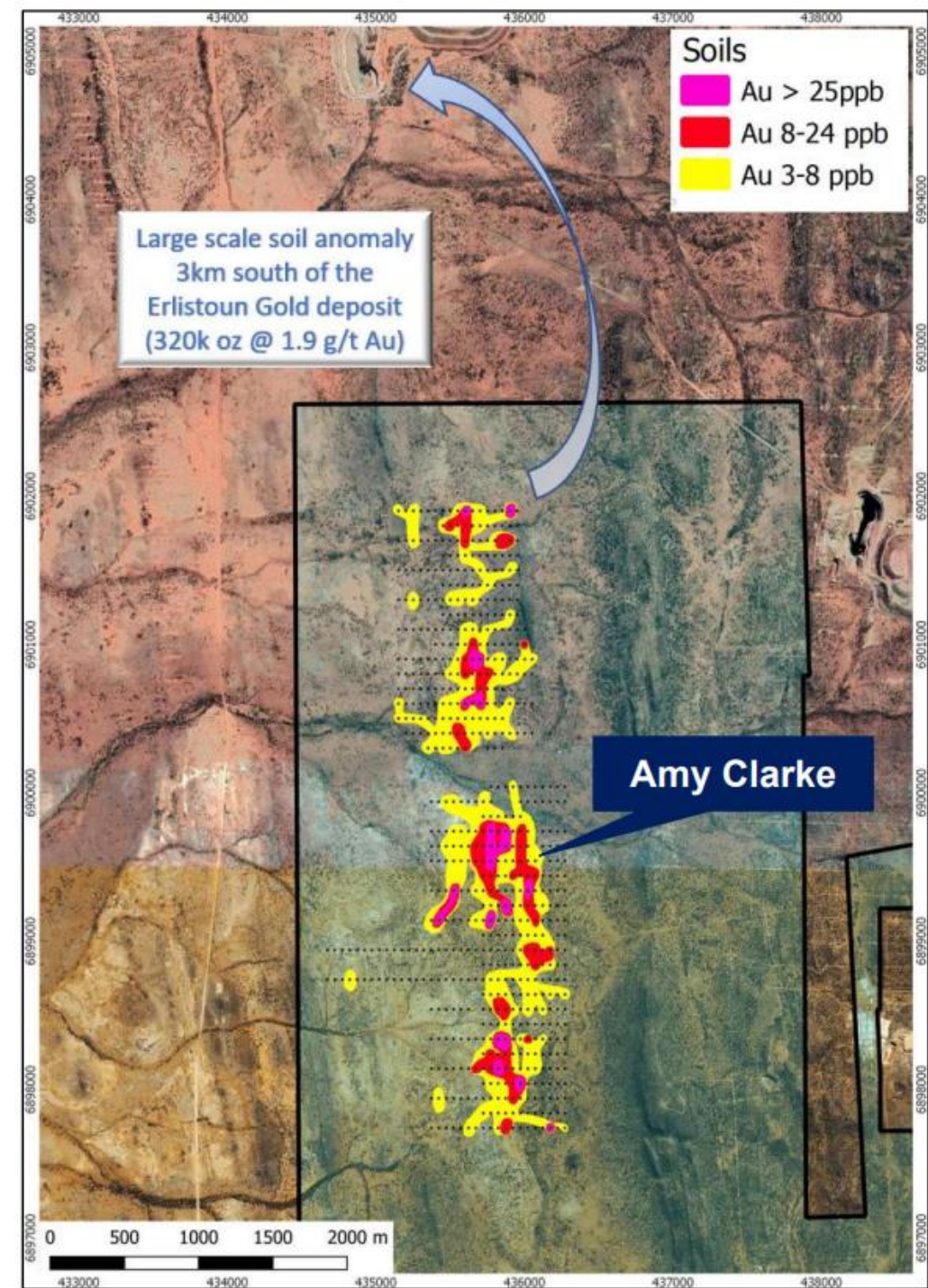
RC Drill Chips at Golden Boulder indicating mineralised zone.

<sup>1</sup> Refer to ASX:GSN Announcements 8/7/21, 23/9/21

# Duketon: Amy Clarke

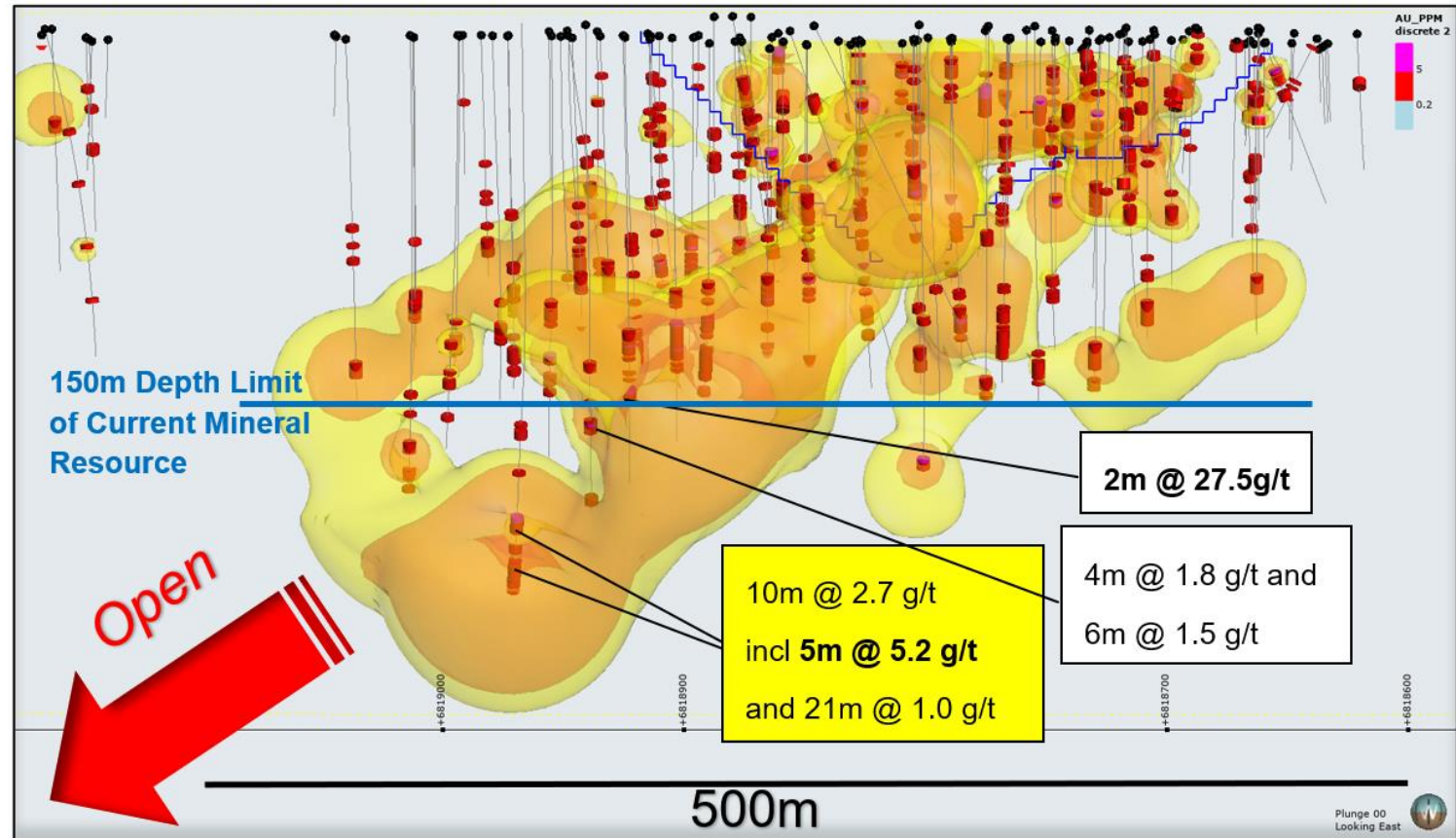
- GSN's highest priority greenfields target
- Kilometre scale soil anomaly of similar grade and tenor to Garden Well anomaly prior to 2.1 Moz @ 1.4 g/t Au gold discovery<sup>1</sup>
- Along strike from Eristoun 320koz @ 1.9 g/t Au<sup>1</sup>
- 10,000m Air Core drilling planned for Q4 2021

<sup>1</sup>Source: ASX:RRL Announcements 8/3/11, 18/1/11



# Mon Ami Gold Project

- Mineral Resource 1.56Mt @ 1.11 g/t Au for 55.5 koz Au<sup>1</sup>
- 95% in Indicated Classification
- Metallurgical recovery average 95% in oxide and transition zone<sup>2</sup>
- Environmental and Technical Studies completed to support future Mining Proposal approval under the *Mining Act 1978* (6-week process) once milling arranged
- Deeper high-grade target analogous to Ida H high-grade underground mine 7km along strike (historical production 176Koz @ 22.8 g/t Au)

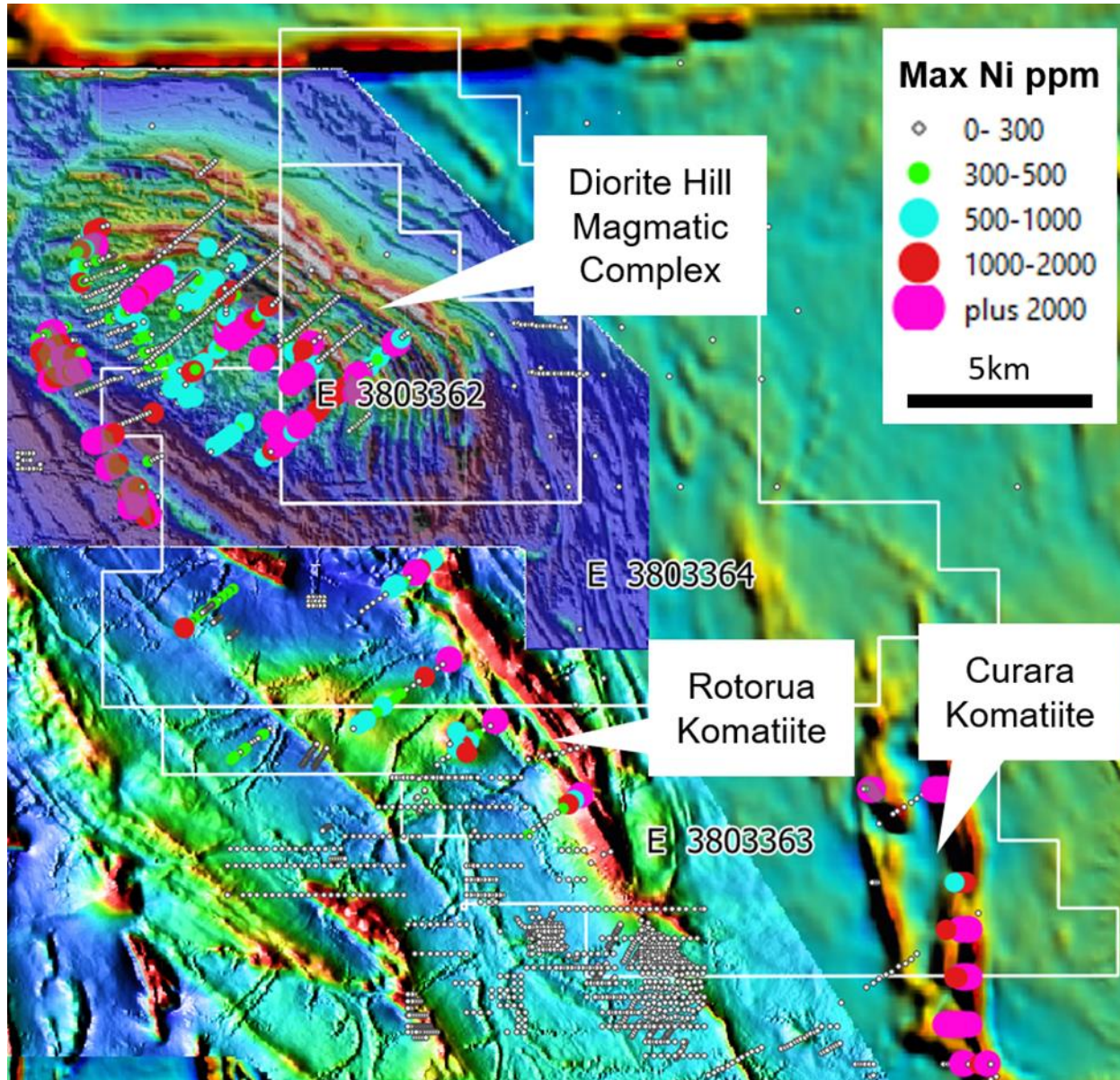


<sup>1</sup>Refer to ASX Announcement 21/7/21 for the Mon Ami Mineral Resource

<sup>2</sup>Refer to ASX Announcement 25/1/19 for the Mon Ami Metallurgy Results

<sup>3</sup>Refer to ASX Announcement 12/8/20 and 2/3/21 for the Mon Ami Drilling Results

# East Laverton Nickel Project

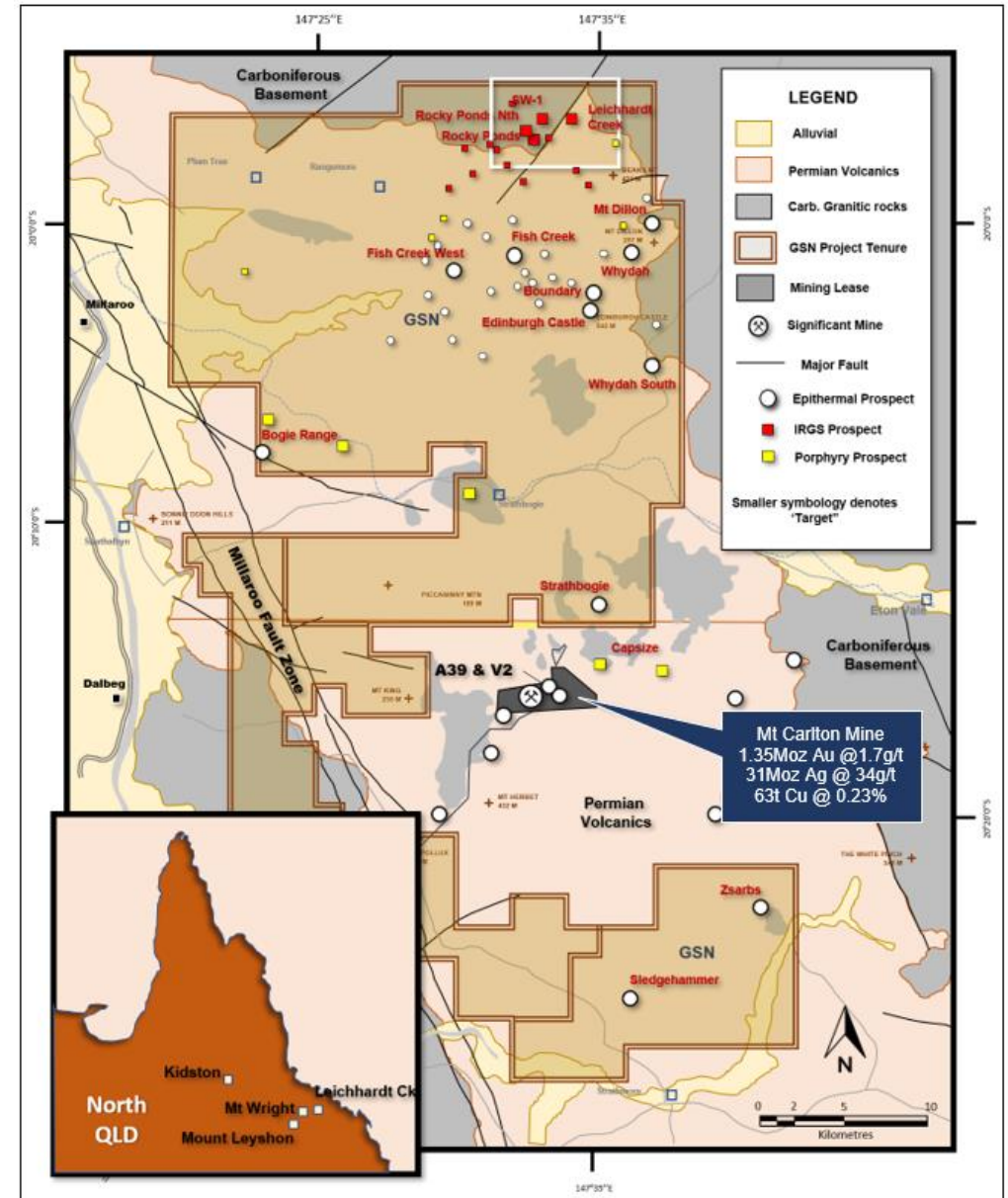


- Pegged in 2018 by GSN, all tenements now granted
- Nickel sulphide potential in layered intrusions only in focus in WA since the 2012 Nova discovery.
- Ground Moving-Loop Electro-Magnetic survey planned Q4 2021

# QLD: Edinburgh Park Exploration



- >1,000km<sup>2</sup> surrounding 1.7Moz AuEq Mt Carlton Mine
- Potential for very large IRGS and HS gold deposits
- 19 targets identified from hyperspectral survey
- Full-time GSN team on the ground
- Working up drill targets for 2022 at:
  - Leichhardt Creek
  - Fish Creek
  - Edinburgh Castle
  - Molongle
  - Mt Dillion



# Why GSN?



- ✓ Strategic landholdings in Tier 1 Australian gold districts
- ✓ Genuine potential for major gold, copper, silver and nickel discoveries
- ✓ Value proposition enhanced by hungry neighbouring mills
- ✓ Quality Board with skin in the game and experienced exploration teams
- ✓ Active exploration programs underway with strong results pipeline

# Contact

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Chief Executive Officer

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# Competent Persons Statement and Disclaimer



Deposit	Competent Person	Employer	Professional Institute
Southern Star and Mon Ami (2020-21) Exploration Results and Geological Interpretation	Simon Buswell-Smith	Great Southern Mining Ltd	MAIG
Edinburgh Park (2020) and Mon Ami (2019) Exploration Results	Dr Bryce Healy	Noventum Group Pty Ltd	MAIG
Edinburgh Park (2021) Exploration Results	Octavio Garcia	Great Southern Mining Ltd	MAIG
Mon Ami Mineral Resource	Dr Michael Cunningham	SRK Consulting (Australasia) Pty Ltd	MAusIMM, MAIG

**Competent Persons Statement:** The information in this report that relates Exploration Results and Mineral Resources is based on the information of the Competent Persons listed in the table above. Each of the Competent Persons have sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity they are undertaking to qualify as Competent Persons under the JORC Code (2012). For new information each consent to the inclusion in the report of the matters based on his information in the form and context in which they occur. Previously announced information is cross referenced to the original announcements. In these cases, the Company is not aware of any new information or data that materially affects the information presented and that the technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from the original market announcements.

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