STAVELY MINERALS

ASX Code: SVY

Finding the copper the world needs for a low-carbon future

The Stavely Copper-Gold Project

Dawn of a new world-class copper-gold province in Western Victoria

Mines and Money Connect, London - 25 April 2023

Disclaimer

- This presentation contains only an overview of Stavely Minerals Limited (“Stavely" or the “Company”) and its activities and operations. The contents of this presentation, including matters relating to the geology and exploration potential of the Company’s projects, may rely on various assumptions and subjective interpretations which it is not possible to detail in this presentation and which have not been subject to any independent verification.
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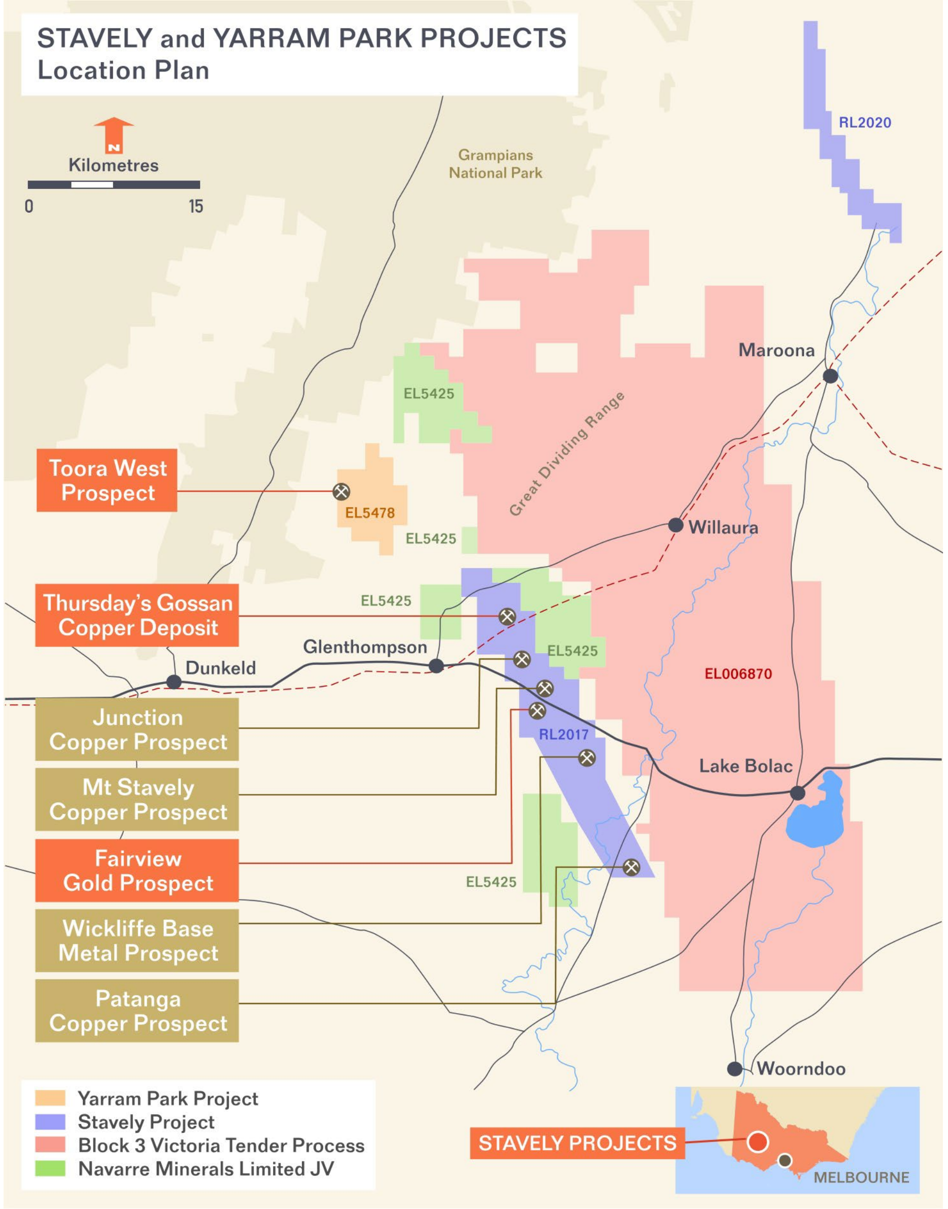
A Modern Australian Copper-Gold Growth Company

- **First-mover position** – largest and most strategic tenement holding in the Stavely Volcanic Belt, western Victoria
- **Discovery**– outstanding shallow high-grade copper-gold-silver discovery (September 2019), the Cayley Lode
- **Cayley Lode MRE[1] – 9.3Mt at 1.23% Cu, 0.23g/t Au and 7.1g/t Ag**
- **Total Resources – 28.3Mt at 0.75% Cu, 0.11g/t Au and 3.5g/t Ag**
- **Containing – 210,000t Cu, 100,000oz Au, 3.2Moz Ag and 2.4kt Zn**
- **New style of mineralisation** – Magma/Butte copper lode-style system, never before seen in Australia
- **Multiple discovery opportunities** – potential to become a new copper province as additional mineralised prospects are tested
- **New vectors to the porphyry at depth –** drilling in-progress

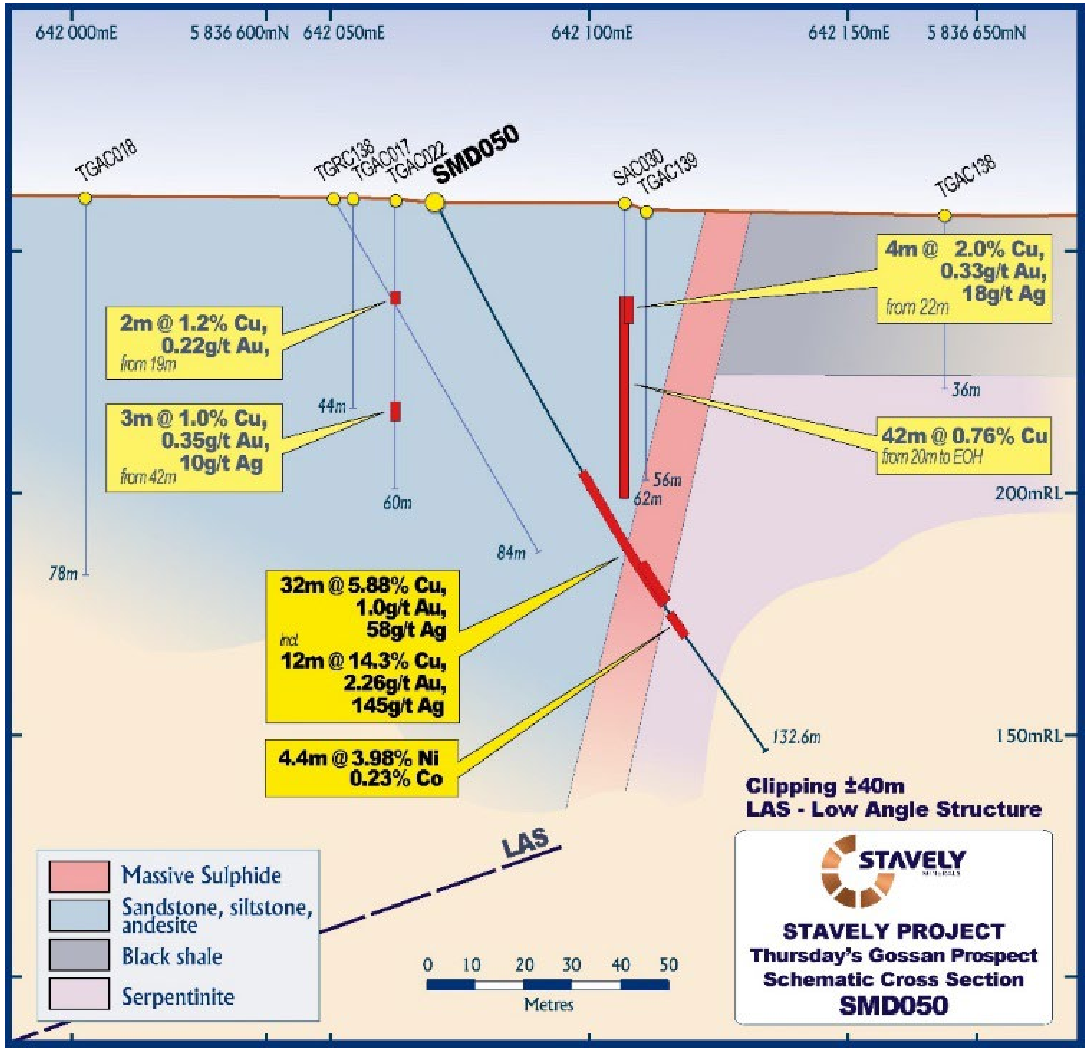
[1] reported in compliance with the JORC Code 2012, see ASX announcement 14 June 2022

First-Mover Position in Victoria's Stavely Arc

- Two cornerstone assets – 100%-owned **Stavely** and **Ararat** Projects
- **1,461km² ground position** in Australia's new exploration hot-spot of western Victoria (Kirkland Lake – Fosterville)
- Majority of exploration since 2014 focused on Thursday's Gossan, targeting a **Tier-1, Cadia-style copper-gold** porphyry system



Discovery Breakthrough – Hole SMD050



SMD050

- **32m at 5.88% copper, 1.00g/t gold and 58g/t silver**, from 62m drill depth, including:
  - ***12m at 14.3% copper, 2.26g/t gold and 145g/t silver from 82m**, including:*
  - ***2m at 40% copper, 3.00g/t gold and 517g/t silver***
- Surprisingly, SMD050 also intersected:
  - *4.4m at 3.98% nickel, 0.23% cobalt and >1% chrome*

See ASX announcement 26/09/2019 and available from www.stavely.com.au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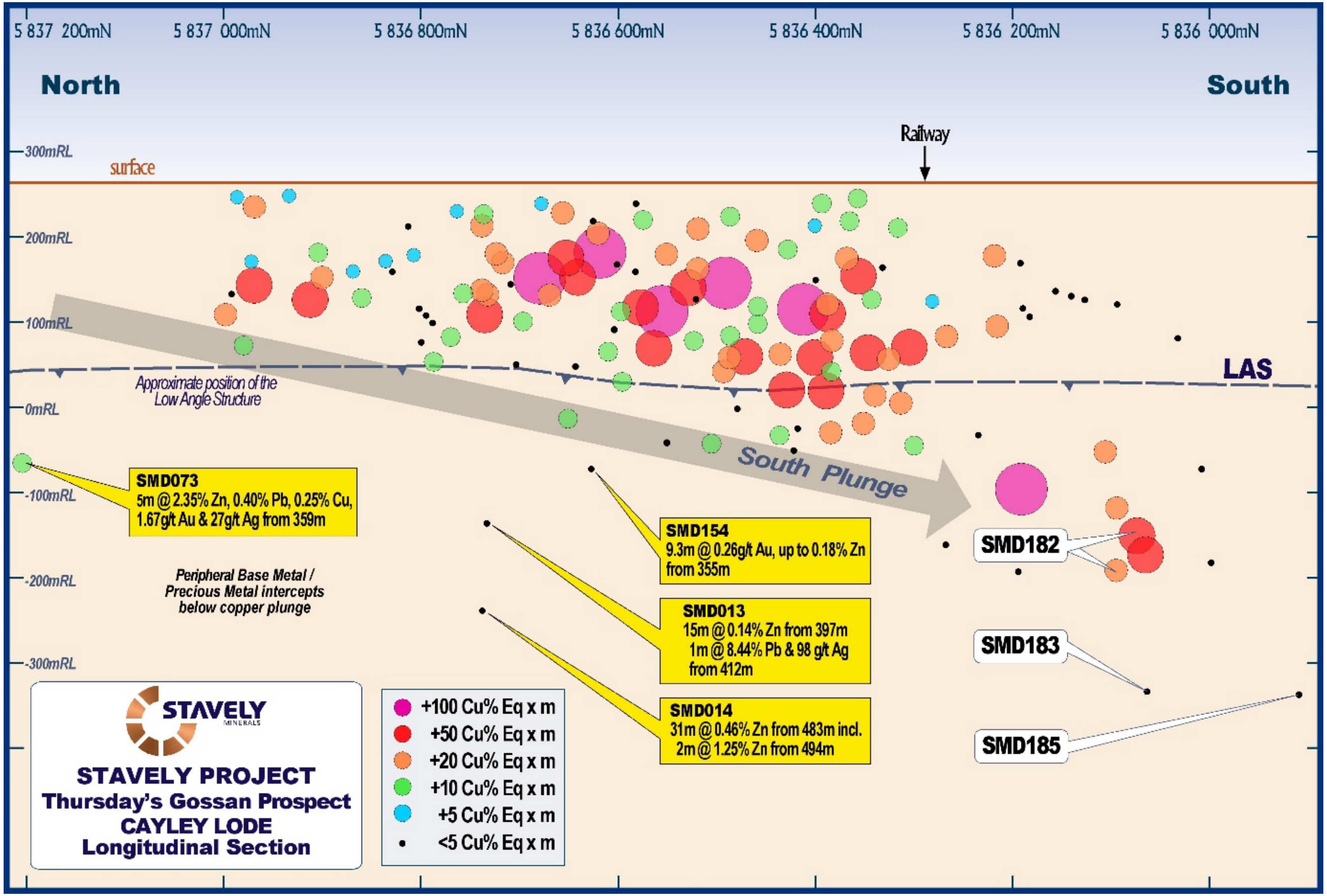
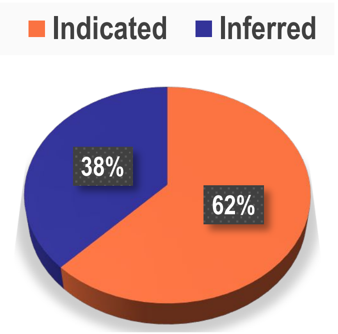
Mineral Resources

Cayley Lode Discovery – Resource Drilling Long Section



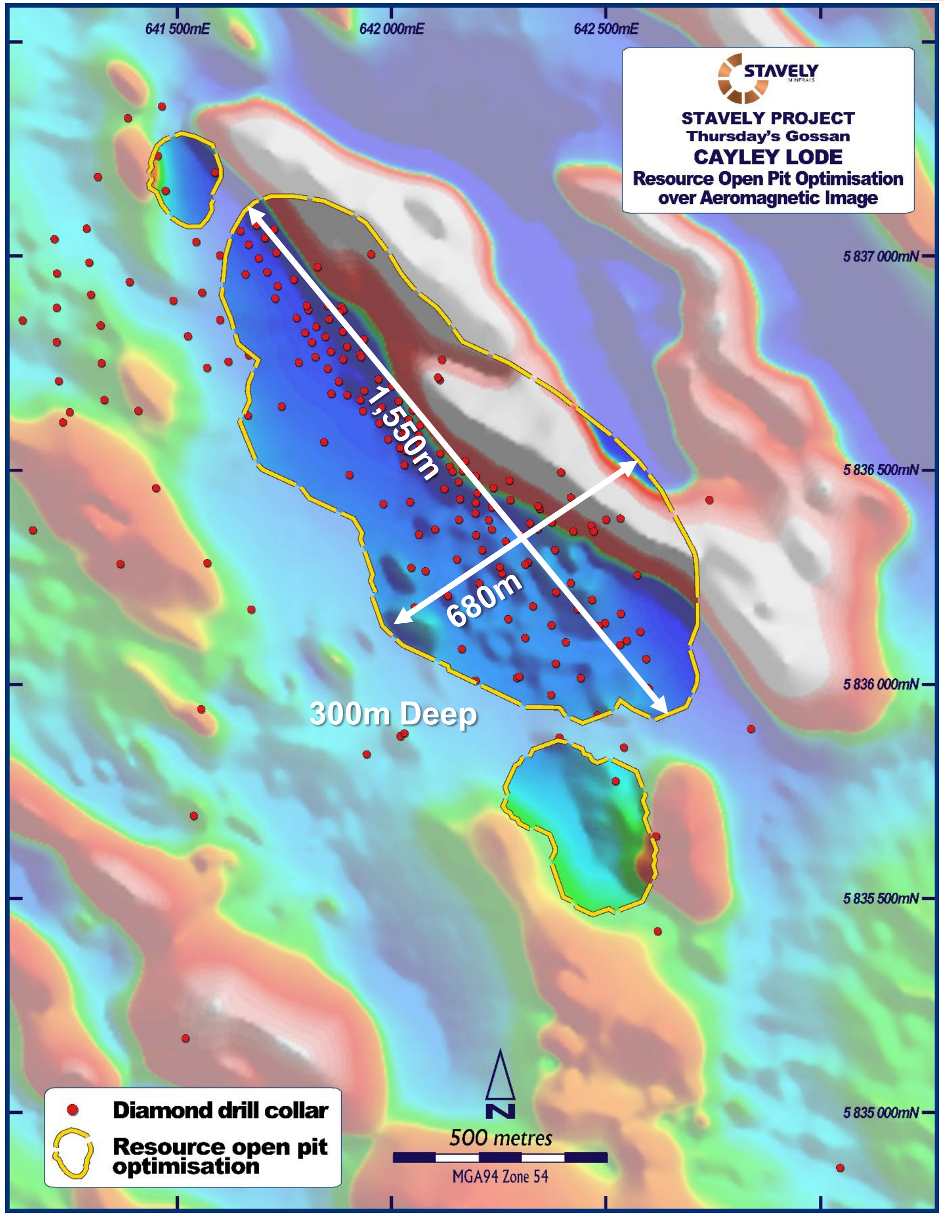
Cayley Lode Mineral Resource Estimate

- Magma / Butte copper lode-style system – outstanding exploration target never before seen in Australia
- **9.3Mt at 1.23% Cu, 0.23g/t Au and 7.1g/t Ag[1]**



- Open Pit Mineral Resources within open pit shell optimised at US$6/lb
  - *1,550m long, 680m wide and 300m deep*
- Mineralisation remains open down-plunge and down-dip

[1] reported in compliance with the JORC Code 2012, see ASX announcement 14 June 2022



Mineral Resources Classifications

Table 1. Cayley Lode Initial Mineral Resource estimate

Resource Material	Resource Category	Cut-off (Cu %)	Tonnes (Mt)	Grade (Cu %)	Cont. Cu (Mlbs)	Grade (Au g/t)	Cont. Au (oz)	Grade (Ag g/t)	Cont. Ag (oz)
Primary Mineralisation (OP)	Indicated	0.2	5.87	1.04	134.4	0.23	43,407	7	1,321,074
	Inferred	0.2	1.7	1.3	49	0.2	10,931	9	491,907
Sub-Total Primary OP			7.6	1.1	183	0.2	54,338	7.4	1,808,158
Primary Mineralisation (UG)	Indicated	1.0	-	-	-	-		-	
	Inferred	1.0	1.7	1.8	69	0.2	10,931	6	327,938
Sub-Total Primary UG			1.7	1.8	69	0.2	10,931	6	327,938
Total Cayley Lode			9.3	1.23	252	0.23	65,000	7.1	2,100,000

Table 4. Stavely Minerals Total Mineral Resources estimates

Resource Material	Resource Category	Cut-off (Cu %)	Tonnes (Mt)	Grade (Cu %)	Cont. (Mlbs Cu)	Grade (Au g/t)	Cont. (oz Au)	Grade (Ag g/t)	Contained Metal (oz Ag)	Grade (Zn %)	Cont. (kt Zn)
Total Resources	Indicated	1	21.5	0.61	288	0.1	67,301	3.1	2,153,972	0.3	8
	Inferred	1	6.8	1.2	175	0.1	32,797	4.7	1,043,839	0.2	16
Total Stavely Minerals			28.3	0.75*	463	0.11*	100,000	3.5	3,200,000	0.2	24

[1] reported in compliance with the JORC Code 2012, see ASX announcement 14 June 2022

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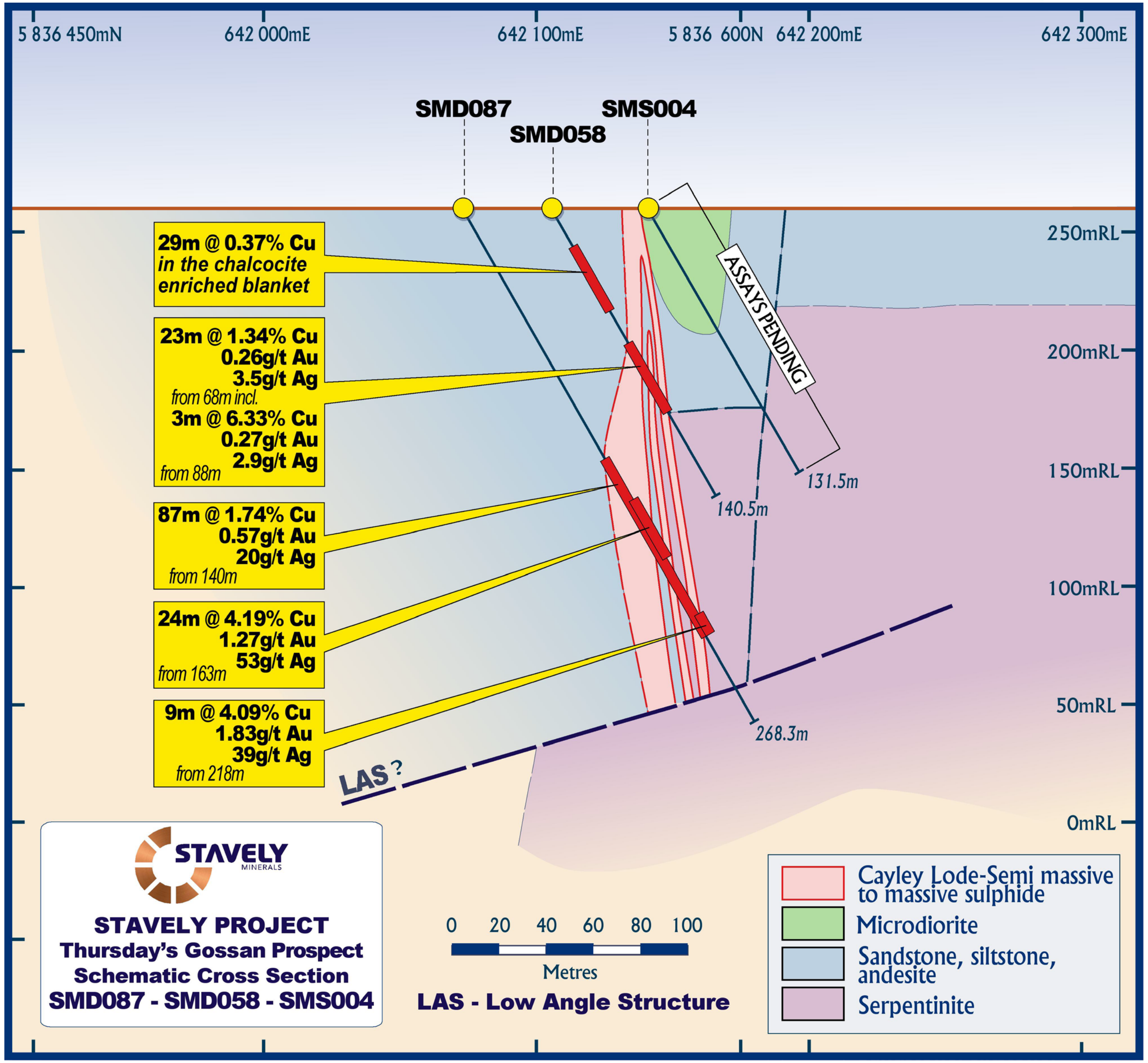
Underground Potential

Cayley Lode Discovery – Amenable to Open Pit and UG

SMD087

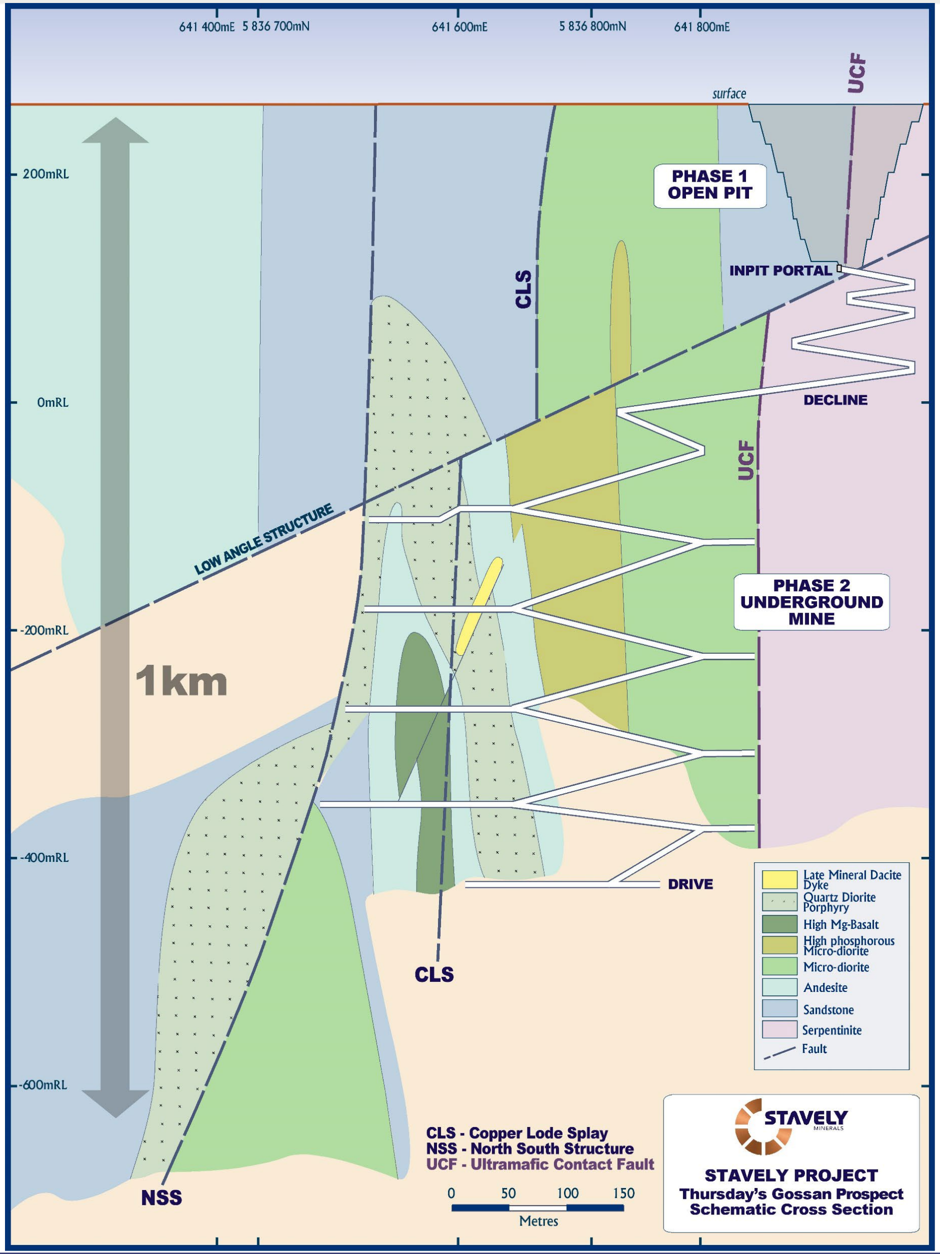
- **87m @ 1.74% Cu, 0.57g/t Au and 20g/t Ag**, *incl.*
  - ***24m @ 4.19% Cu, 1.27g/t Au and 53g/t Ag**, and*
  - ***9m @ 4.09% Cu, 1.83g/t Au and 39g/t Ag***

Typical of most Cayley Lode intercepts:
– a large intercept amenable to open pit bulk mining, and
- multiple discrete higher-grade intervals providing a 'sweet spot' of focus for underground mining



See ASX announcement 15/06/2020 and 14/07/2020 and available from www.stavely.com.au

Current Programs – How do we see this as a possible development?



Option 1

A Phase-1 open pit based on high-grade structurally-controlled mineralisation drives an open pit that also captures 18Mt at 0.4% copper in the chalcocite-enriched blanket.

Followed by a Phase-2 underground is developed from the base of the Phase-1 open pit and spirals between mineralised lodes on either side of the decline

Option 2

Go straight to underground

If continuity of mineralisation is confirmed to depths in excess of 1km – and we have intercepted mineralisation at ~1,150m drill depth in SMD045W2* – then at a vertical rate of mining advance of 50m-60m per year, we can envisage a multi-decade underground mine life

*See ASX announcement 18 June 2019 and available from www.stavely.com.au

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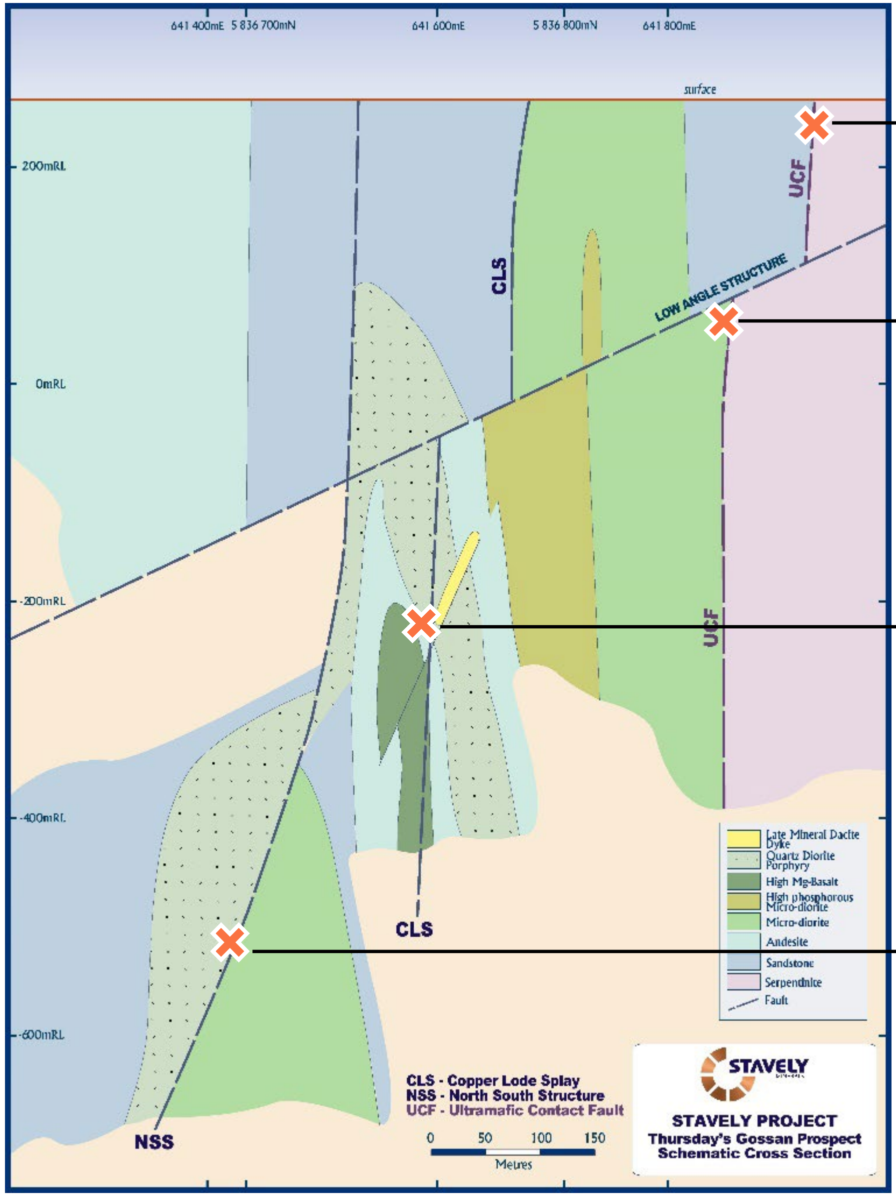
Porphyry Target

Vertically Extensive – With Multiple Discovery Opportunities



SMD050: 32m at 5.88% copper, 1.00g/t gold and 58g/t silver, from 62m drill depth on the UCF

SMD173: 43m at 2.60% copper, 0.42g/t gold and 10g/t silver, from 378m drill depth on the UCF underneath the LAS

SMD182 : 10.4m at 4.34% copper, 3.17g/t gold and 11g/t silver from 421m drill depth on the UCF underneath the LAS

SMD032: 6m at 6.73% copper, 0.84g/t gold and 15g/t silver, from 538m drill depth on the CLS

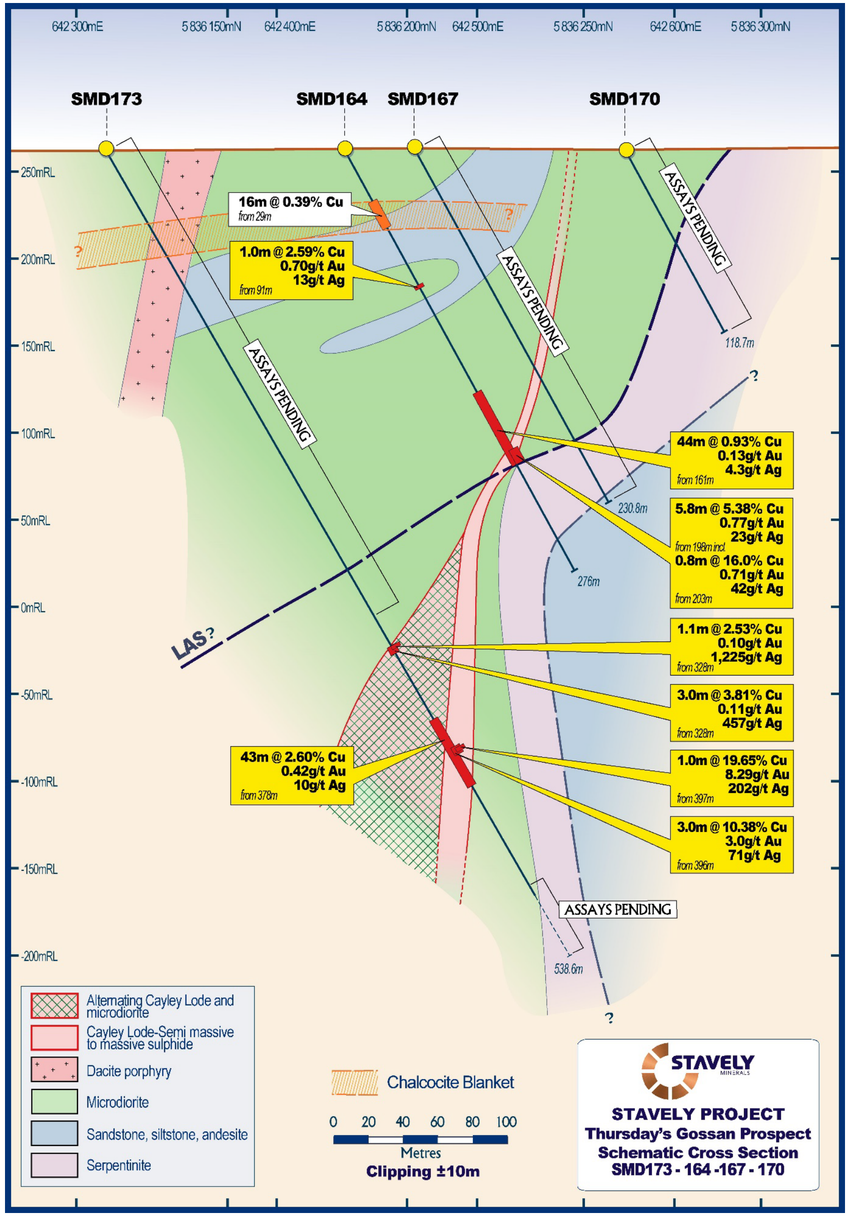
SMD044: 10m at 2.43% copper, 0.30g/t gold and 11g/t silver, from 583m drill depth on the CLS

SMD044: 38.3m at 1.59% copper, 0.27g/t gold and 8g/t silver, from 890m drill depth on the NSS

SMD044W1: 18m at 3.62% copper, 0.28g/t gold and 15g/t silver, from 848m drill depth on the NSS

See ASX announcements 27/04/2022, 8/03/2022, 26/09/2019, 23/04/2019, 12/03/2019, 18/12/2018 and available from www.stavely.com.au

Cayley Lode Discovery – Getting Hotter



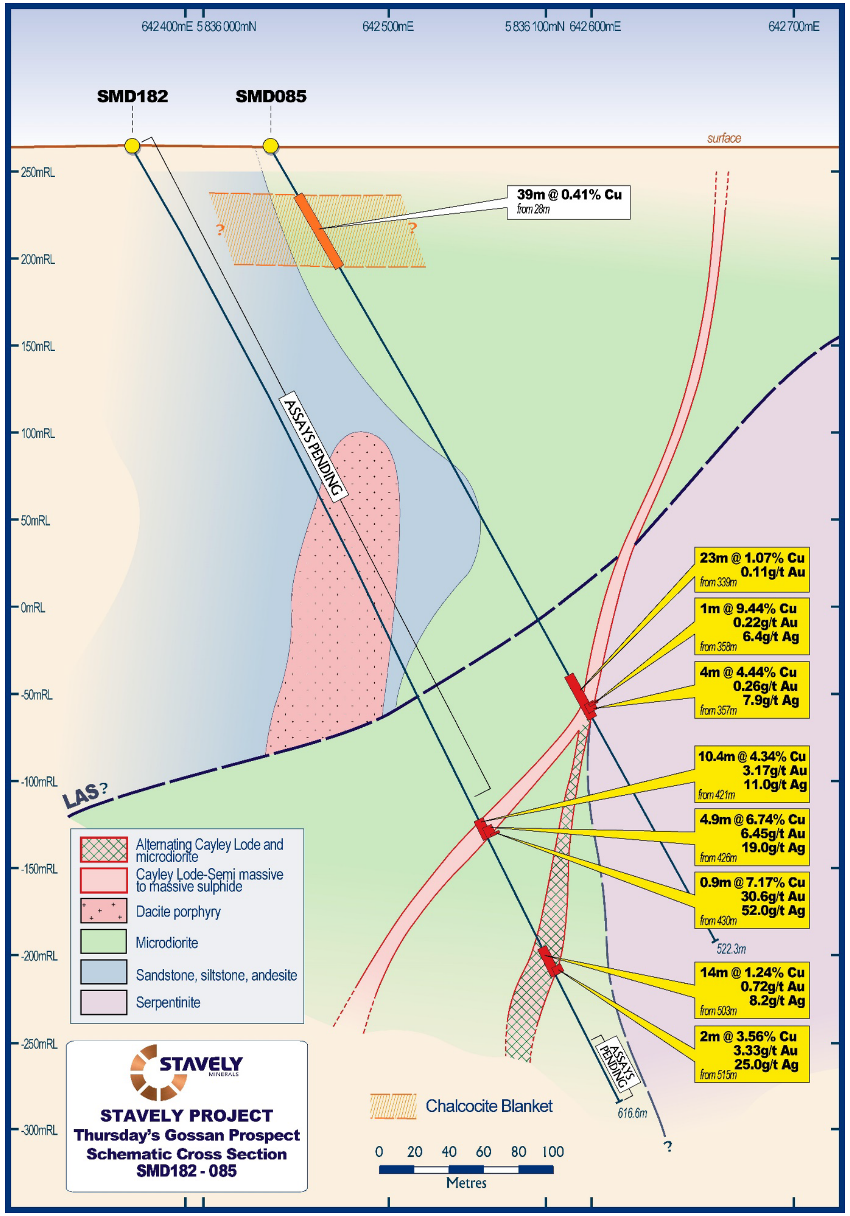
SMD173

- **43m at 2.60% copper, 0.42g/t gold and 10g/t silver**, from 378m drill depth, including:
  - ***3m at 10.38% copper, 3.0g/t gold and 71g/t silver*** *from 396m, including:*
    - ***1m at 19.65% copper, 8.29g/t gold and 202g/t silver*** *from 397m*

Vein / stockwork-style chalcopyrite+quartz-filled fractures in chlorite+quartz-altered microdiorite. 390.6m.

See ASX announcement 08/03/2022 and available from www.stavely.com.au

Cayley Lode Discovery – Getting Hotter



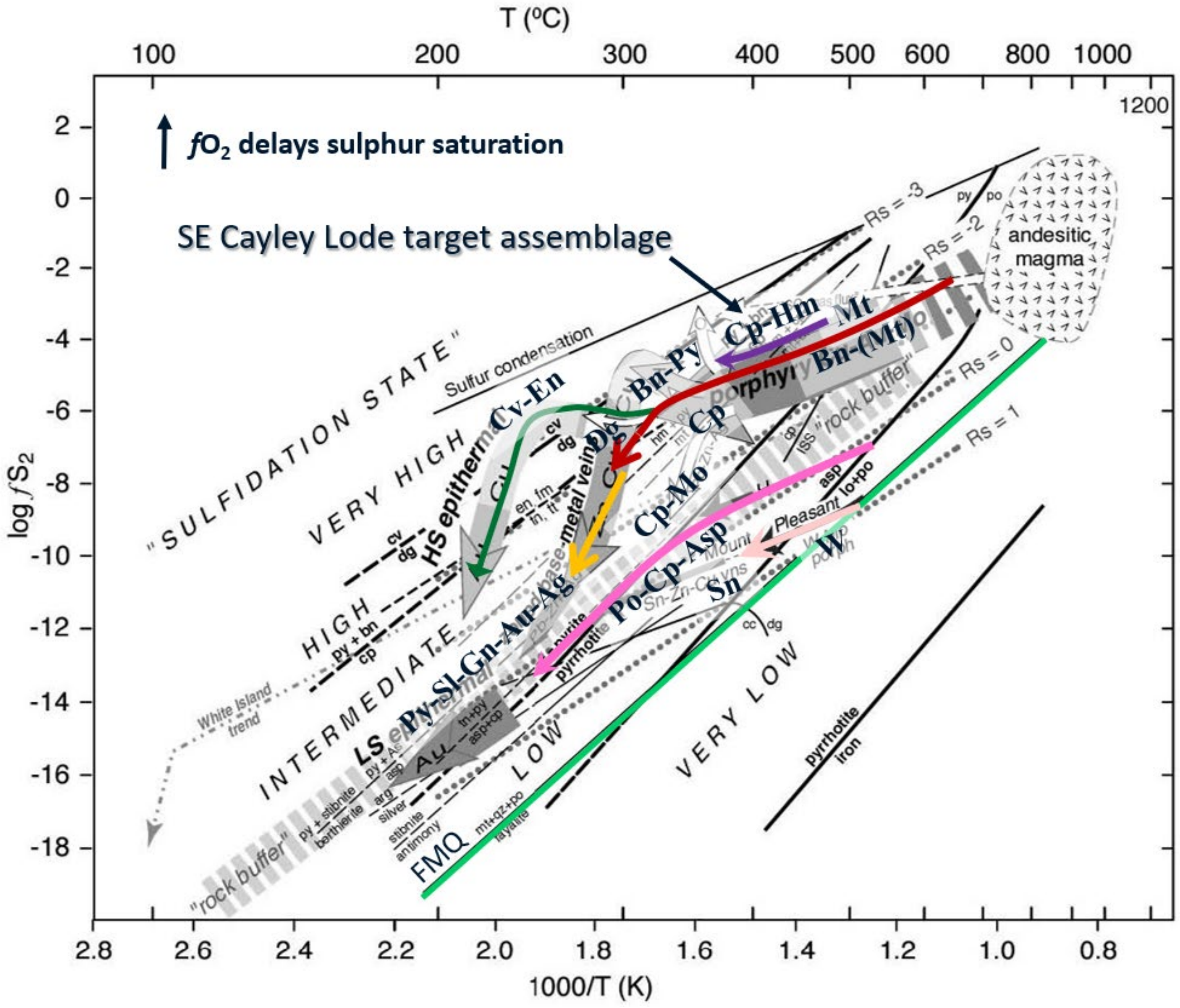
SMD182

- **10.4m at 4.34% copper, 3.17g/t gold and 11g/t silver**, from 421m drill depth, including:
  - ***4.9m at 6.74% copper, 6.45g/t gold and 19g/t silver*** *from 426m, including:*
    - ***0.9m at 7.17% copper, 30.6g/t gold and 52g/t silver*** *from 430m*

Hematite - specular hematite – magnetite – quartz – chalcopyrite at 423.5m (cut surface).

See ASX announcement 27/04/2022 and available from www.stavely.com.au

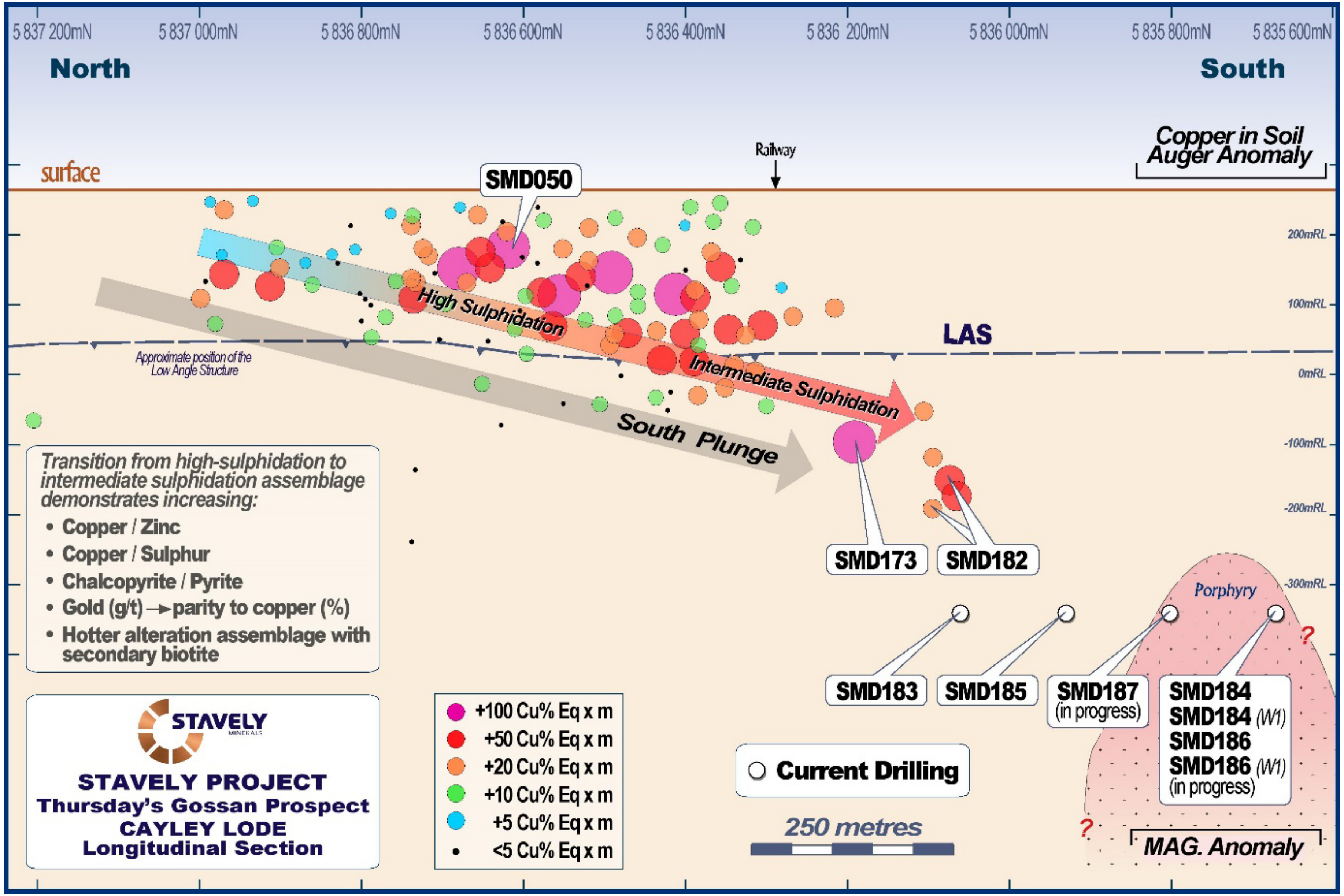
Cayley Lode Discovery – Getting Hotter



Mineral abbreviations: arg=argentite, asp=arsenopyrite, bn=bornite, cc=chalcocite, cp=chalcopyrite, cv=covellite, dg=digenite, en=enargite, fm=famatinite, gn=galena, hm=hematite, lo=loellingite, mo=molybdenite, mt=magnetite, po=pyrrhotite, py=pyrite, qz=quartz, sl=sphalerite, tn=tennantite, tt=tetrahedrite.

Figure 3. Mineral stability fields relative to temperature (top °C, bottom °K (kelvin)) and fugacity of sulphur (fS2) showing fluid pathways from an intrusive (porphyry) source. After S. Garwin, adapted from Einuadi (2003).

Cayley Lode Discovery – The System Evolving at Depth



It's Changing

Transition from high-sulphidation to intermediate sulphidation assemblage demonstrates increasing:

- Copper / Zinc
- Copper / Sulphur
- Chalcopyrite / Pyrite
- **Gold (g/t) → parity to Copper (%)**
- Hotter alteration assemblage with secondary biotite
- **Reason to believe the porphyry is nearby**

See ASX announcement 29/11/2022 and available from www.stavely.com.au

Lepanto HS and Far Southeast Porphyry, Luzon, Philippines

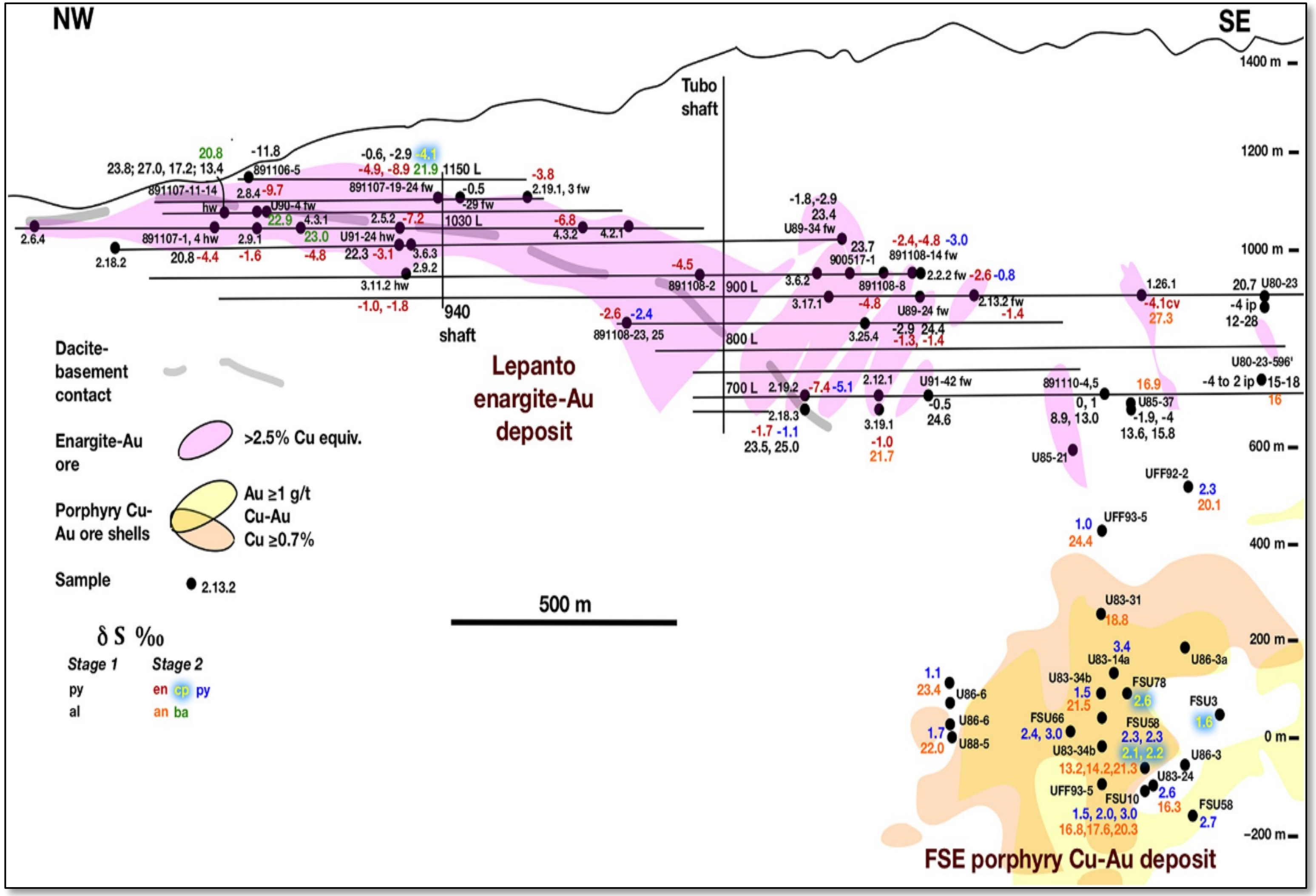


Figure 6. The spatial relationship between the Lepanto high-sulphidation copper-gold deposit and the Far Southeast porphyry located in northern Luzon, Philippines. From Hedenquist et al, 2017, Resource Geology.

See ASX announcement 29/11/2022 and available from www.stavely.com.au

Lepanto high-sulphidation Cu-Au deposit is genetically related to the Far Southeast porphyry Cu-Au deposit.

Mineral Resources*

892Mt at 0.5% Cu and 0.7g/t Au

Containing

19.8Moz gold and 9,921Mlb copper

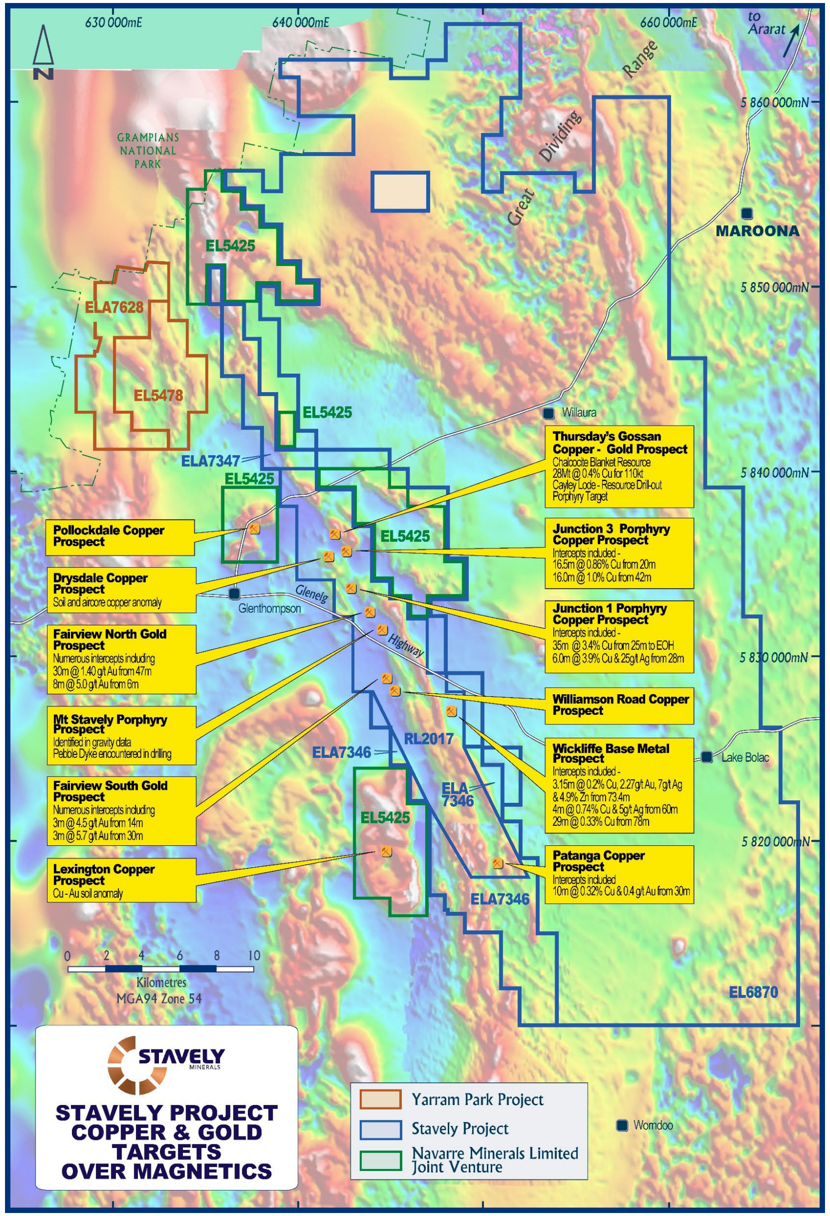
* Source: Goldfields 2018 Annual Report available from www.goldfields.com

*Note: Investors are cautioned that Stavely Minerals is not implying any size or grade for a potential porphyry at Thursday's Gossan, simply that there is precedent for the structurally-controlled copper-gold mineralisation at the Cayley Lode to be associated with a porphyry system at depth

Stavely Regional Exploration

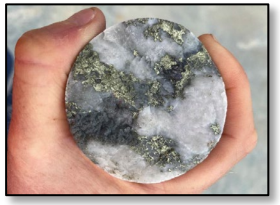
Regional Exploration – Massive Opportunity for Discovery

- Despite previous exploration by industry ‘top dogs’ Newcrest, Rio Tinto, CRA Exploration and North Limited, Stavely Minerals has a ‘first mover’ advantage
- Almost 1,500km^2 of tenure covering ~115km of porphyry-prospective volcanic arc segments
- Known prospects occur largely within a ~20km window of sub-crop – this is what the majors focused on
- The other ~95km strike of prospective arc rocks are covered by younger cover or younger basalt – this is Stavely’s first mover advantage

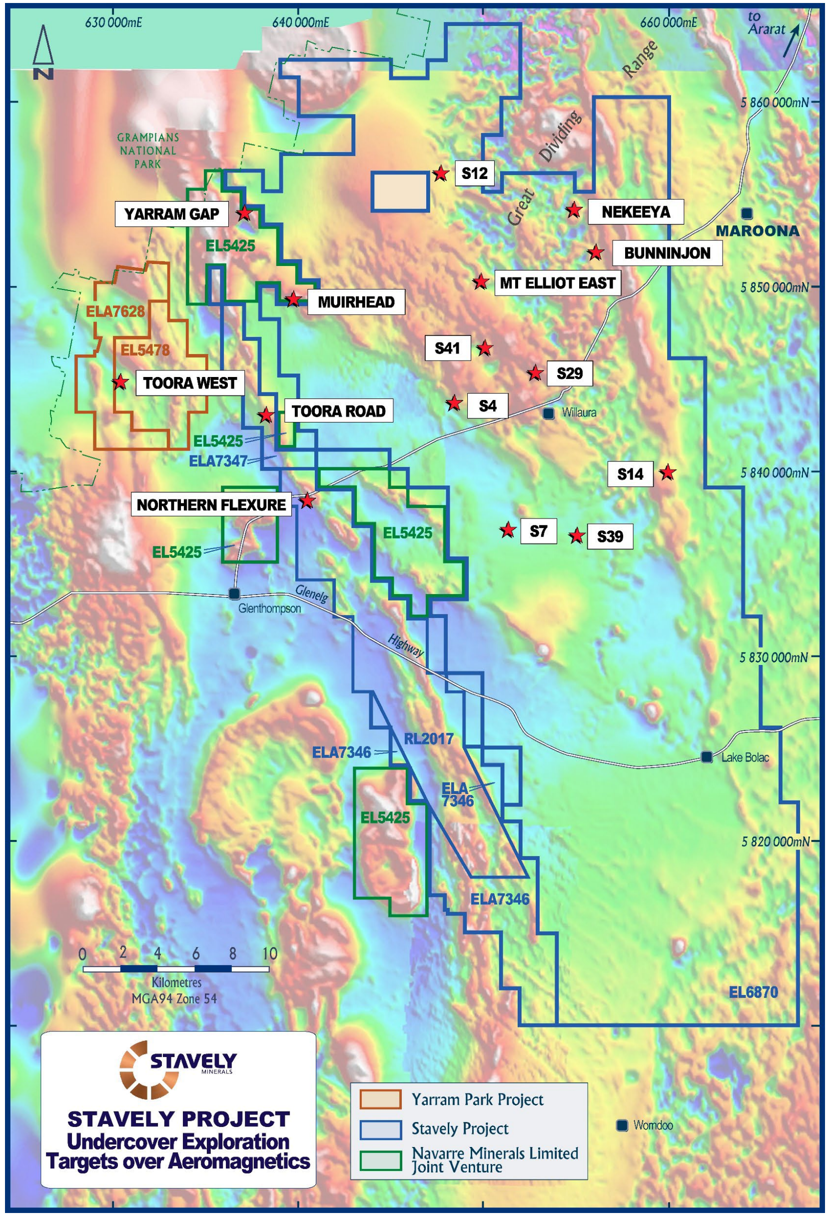


Regional Exploration – Massive Opportunity for Discovery

- The team has identified 19 regional targets and have active aircore and soil auger programmes
- All of the regional targets are under younger (~10Ma) basalt cover or tertiary transported cover
- Already made a 'blind' porphyry discovery under 30m of transported cover at Toora West
- Targeting method works – proprietary Falcon© gravity gradiometer data opens new exploration 'search space'
- New emerging discovery at the S41 prospect

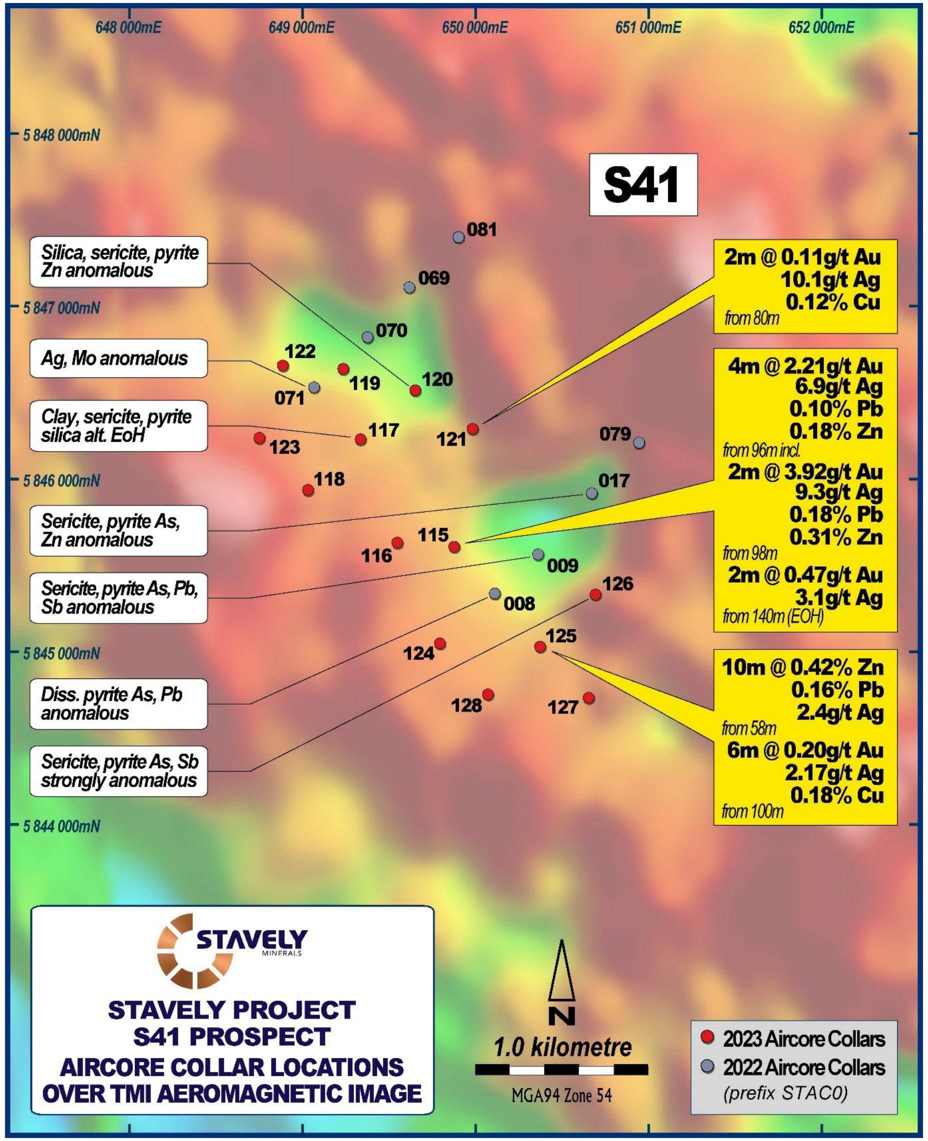


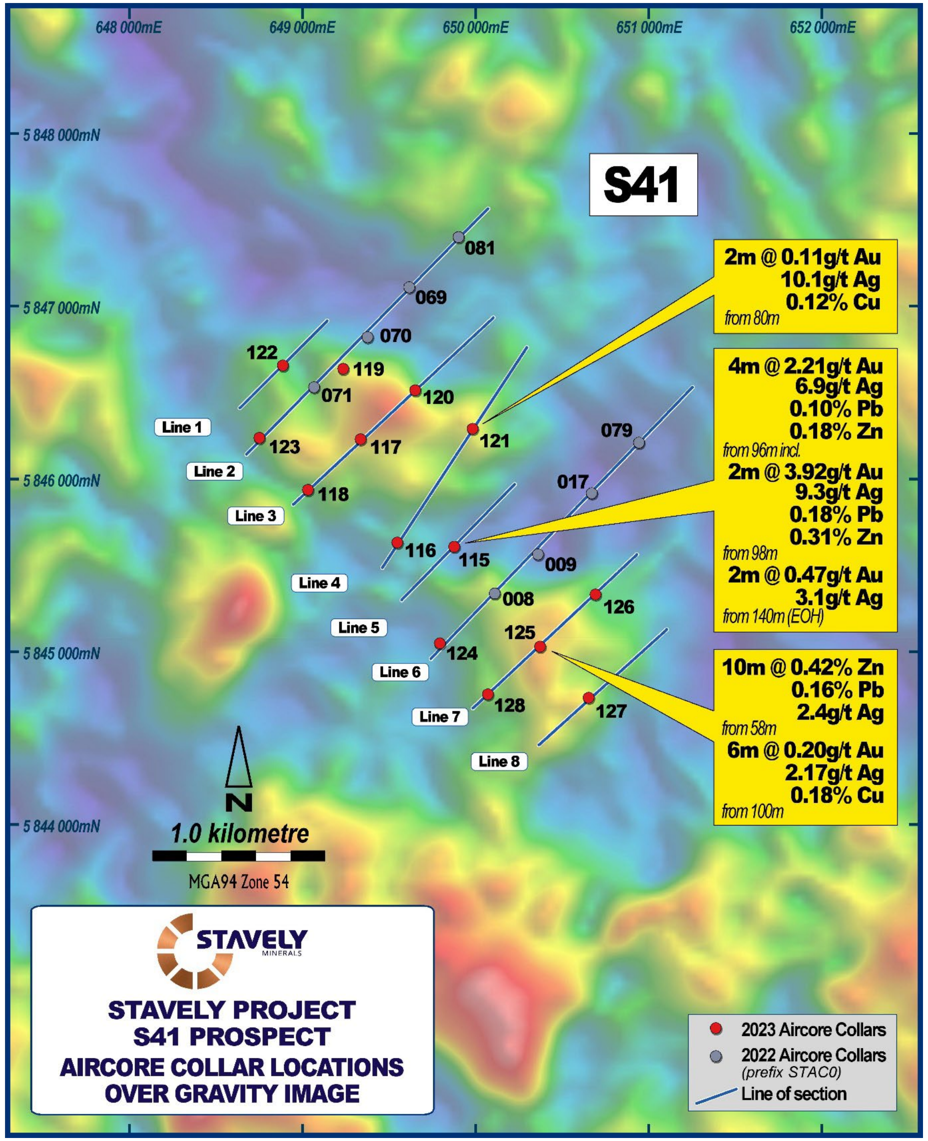
Massive quartz vein with chalcopyrite and molybdenite at Toora West prospect - STWD005 at 287m – **0.6m @ 8.72g/t Au, 1.85% Cu, 5.2g/t Ag & 151ppm Mo**



See ASX announcement 14/10/2021 and available from www.stavely.com.au

Emerging Discovery? – The S41 Prospect



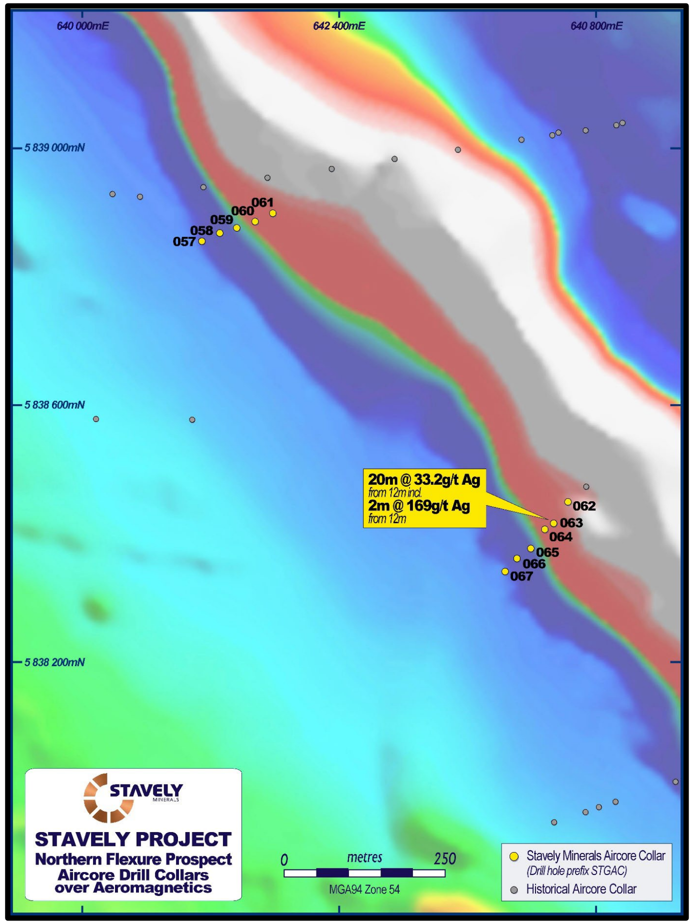


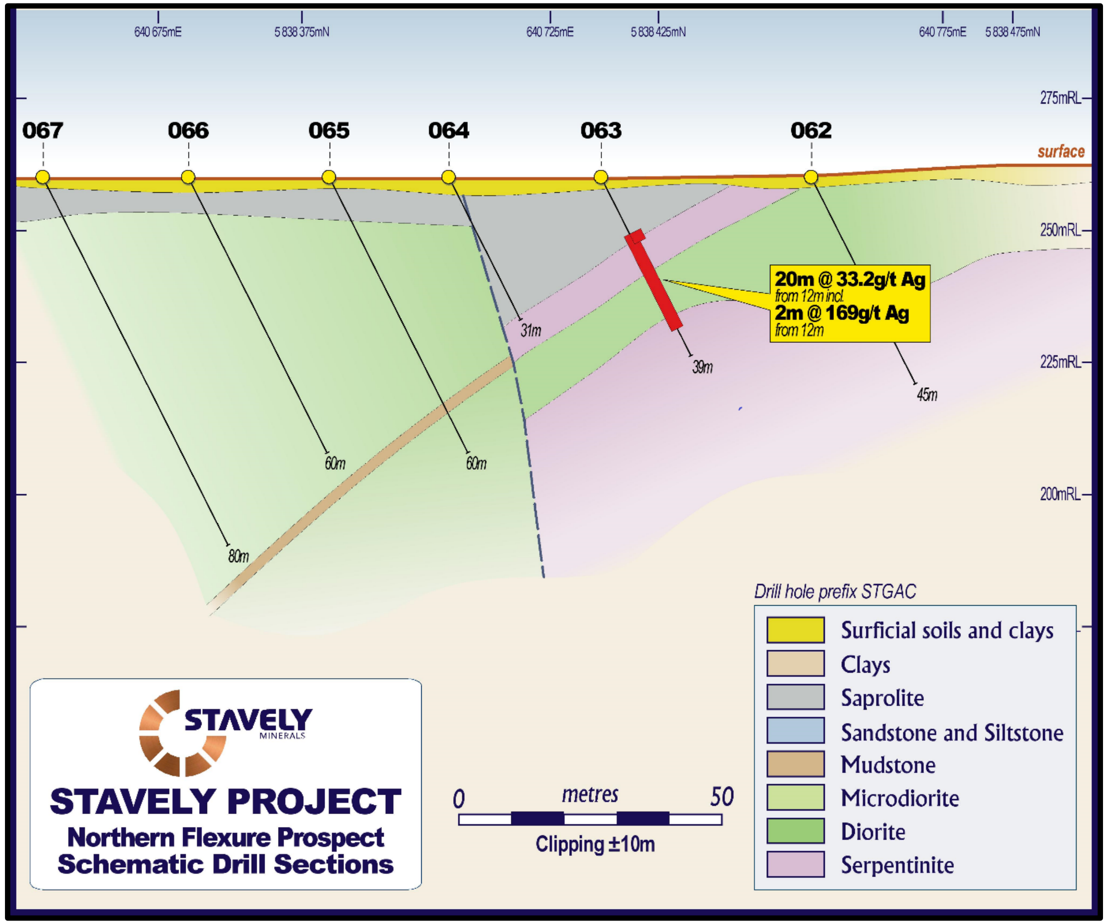
S41 Prospect

- **4m at 2.21g/t gold** from 96m drill depth, including:
  - ***2m at 3.92g/t gold*** *from 98m*
- Large 2km alteration zone
- Strongly anomalous base metals and pathfinder geochemistry
- Drilling in-progress

See ASX announcement 19/04/2023 and available from www.stavely.com.au

Emerging Discovery? – The Northern Flexure Prospect





Northern Flexure Prospect

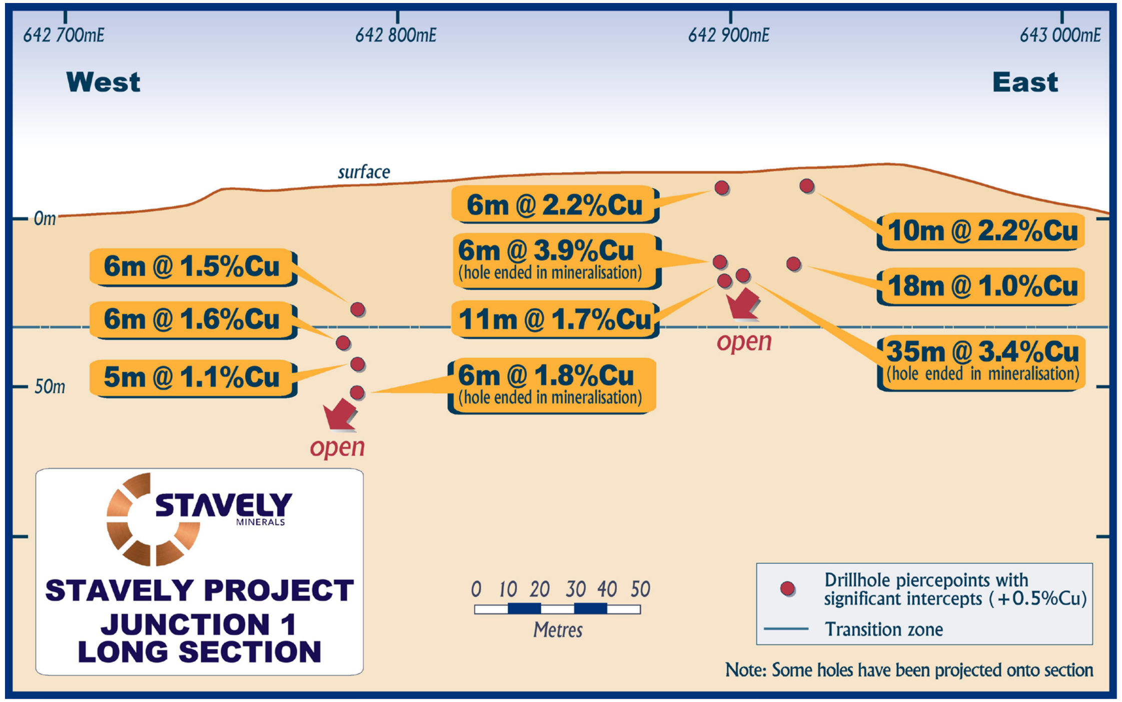
- **20m at 33.2g/t silver** from 12m drill depth, including:
  - ***2m at 169g/t silver*** *from 98m*
- Similar ultramafic contact setting to the Cayley Lode

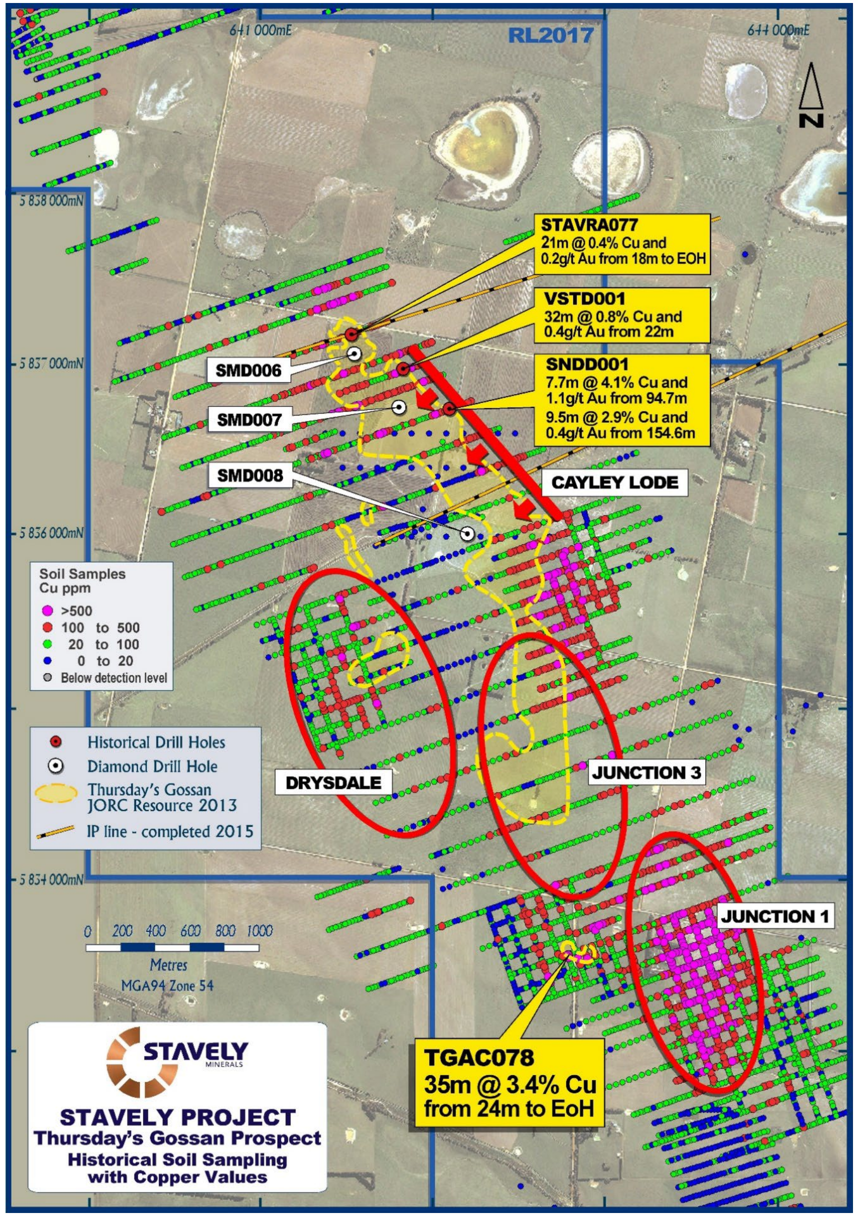
See ASX announcement 19/04/2023 and available from www.stavely.com.au

Thursday's Gossan – Massive Opportunity for Additional Discovery

Junction Prospect

- 2km south of the Cayley Lode
- Largest and highest grade soil anomaly in the project
- Restricted access over the past 10 years
- Aircore drill results including 35m at 3.4% Cu from 24m





See Stavely Minerals Prospectus and available from www.stavely.com.au

Copper…the Ultimate "Future-Facing" Commodity

3.6 tonnes of copper for every MW of wind power

4-5 tonnes of copper for every MW of photo-voltaic solar power

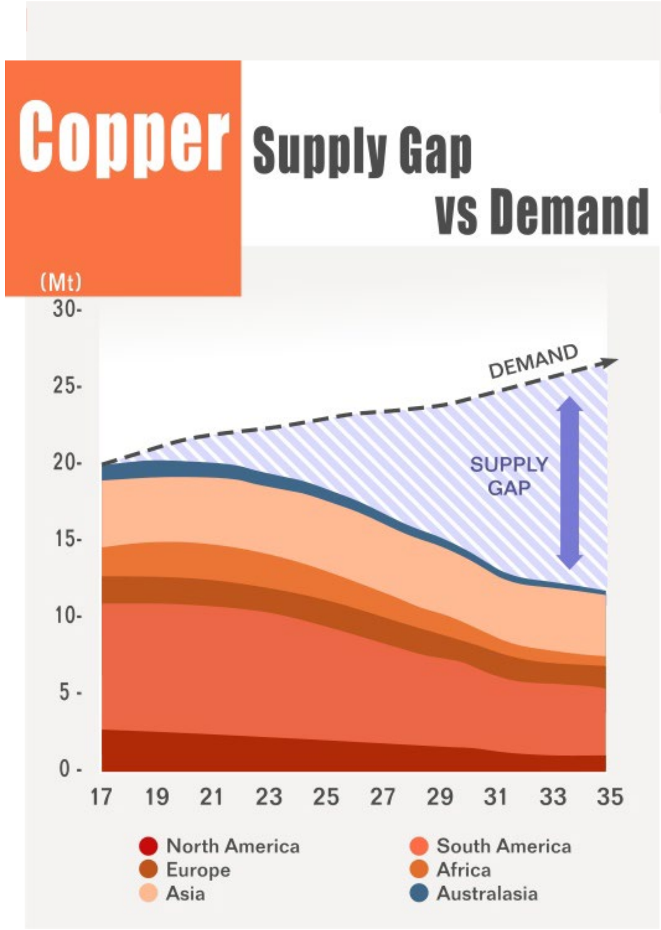
In order to migrate to a **low-carbon economy** and provide **alternative energy solutions**, certain strategic minerals are required to build the wind farms, solar farms, electric vehicles and high-technology needed to facilitate this transition.

Copper is one of the key metals required

4 x more copper in an electric car than one with an internal combustion engine

6 types of bacteria killed by copper surfaces

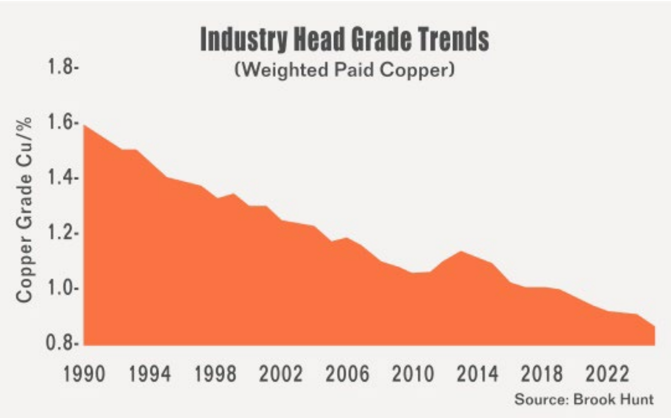
Copper...Compelling Market Fundamentals



CRU estimates a 15 million tonne copper supply deficit by 2035

There are very few high-quality projects coming on stream in first world jurisdictions

Escondida, the world's largest copper mine:
- 1.72% Cu average head grade in 2007
- 0.52% Ore Reserve grade in 2019

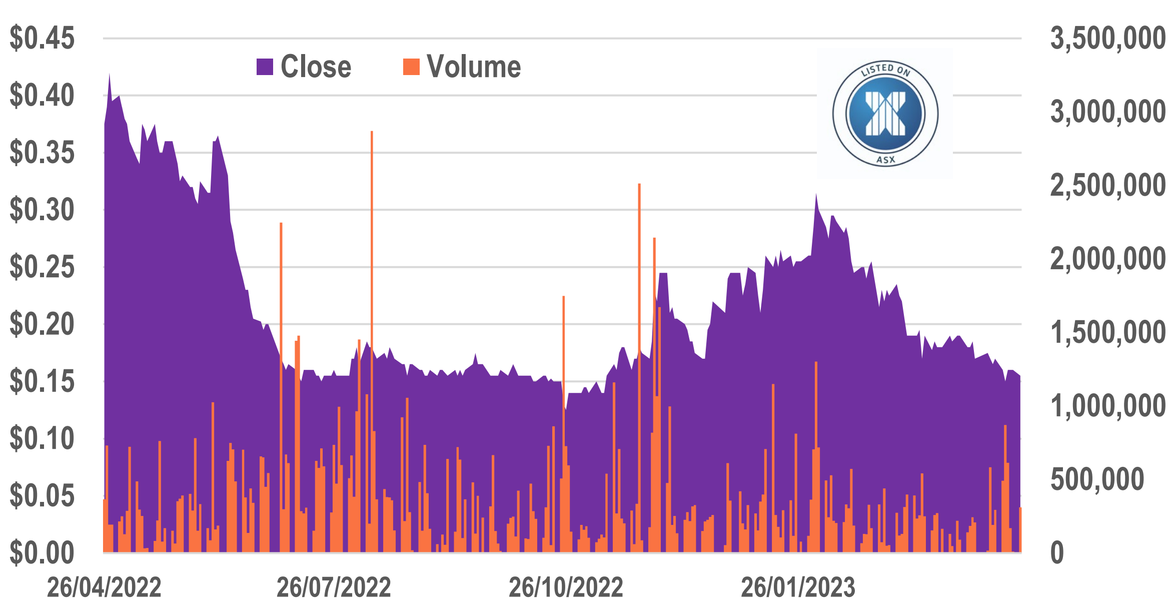


Corporate Summary

CAPITAL STRUCTURE

ASX Ticker	SVY
Share Price (24/04/23)	$0.155
Shares on Issue	326M
Cash (31/03/23)	$3.9M
Market Capitalisation	$50.5M
Management and Staff	~12% equity

12-month Share Price to 24 April 2023



Directors

Chris Cairns	Executive Chairman
Jennifer Murphy	Technical Director
Peter Ironside	Non-Executive Director
Amanda Sparks	Non-Executive Director & Company Secretary
Rob Dennis	Non-Executive Director

Summary – Key Investment Takeaways

- ✓ First-mover position (1,461km^2) in a potential emerging copper province
- ✓ Discovery of structurally-controlled high-grade lode-style copper-gold-silver mineralisation similar to the Magma (Arizona) and Butte (Montana) deposits
- ✓ Intercepts across three structures ranging from surface to 1,150m drill depth – "tall' system
- ✓ Shallow resource drill-out complete targeting ~20% of one of the three mineralised structures identified to date
- ✓ Initial Mineral Resource estimate completed, obvious high-grade extensional opportunities **PLUS the porphyry discovery opportunity under the Cayley Lode** – 2 of 4 drill holes in-progress (first 2 holes drilled under the plunge of the Cayley Lode), challenging drilling conditions, slow progress
- ✓ <u>Outstanding potential for a new porphyry province with regional targets and emerging discoveries</u>

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