

Disclaimer



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A Modern Australian Energy Metals Growth Company



What does Stavely Minerals offer that is different?





BIG targets

BIG Targets



Stavely Project - Thursday's Gossan Prospect

- High-Grade Cayley Lode Cu-Au-Ag discovery
 - 9.3Mt at 1.23% Cu, 0.23g/t Au and 7.1g/t Ag¹
- Belief there is a large porphyry at depth eg.:
 - Far Southeast
 - Resolution

Stavely Project - S41 Au-Ag Prospect

- Recent discovery of ~2km long breccia pipe
- Breccia-hosted carbonate base metal gold system eg.:
 - Kidston
 - Mt Leyshon
 - Kelian

Hawkstone Magmatic Ni-Cu-Co Project²

- Adjacent to IGO / Buxton Merlin discovery ave. 8% Ni tenor
 - eg.: Nova & Bollinger



¹ See ASX announcement 14 June 2022, Appendix 1 ²see ASX announcement 23 May 2023



Stavely Project



- 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 MRE¹ 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
- New vectors to the porphyry at depth drilling to re-commence in July
- Multiple discovery opportunities recently discovered S41 brecciahosted Au-Ag system, Junction 1 prospect, Toora Road





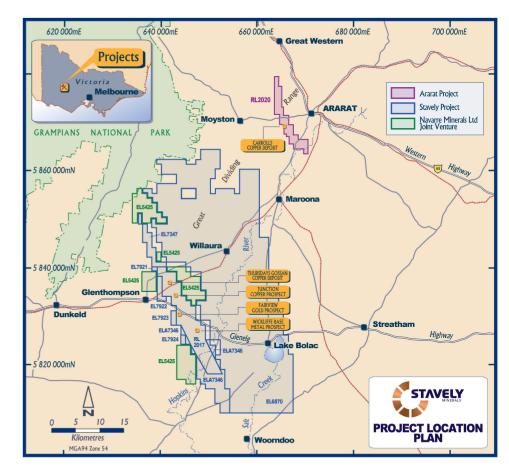
¹ reported in compliance with the JORC Code 2012, see ASX announcement 14 June 2022, see Appendix 1 for classifications

First-Mover Position in Victoria's Stavely Arc



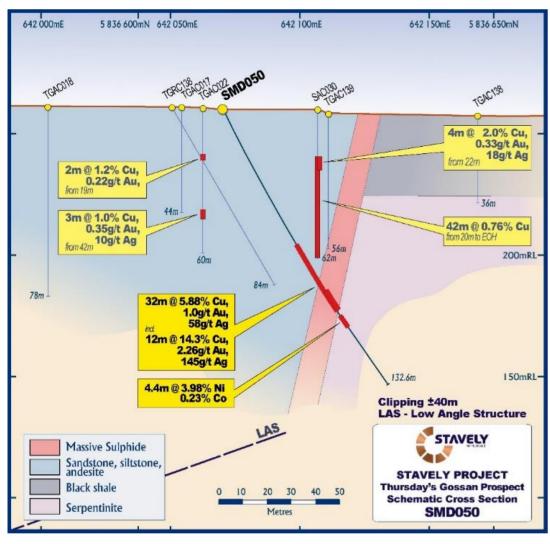
- Two cornerstone assets 100%-owned Stavely and Ararat Projects
- 1,461km² ground position in Australia's new exploration hot-spot of western Victoria (Kirkland Lake Fosterville)
- Majority of exploration since 2014 focused on Thursday's Gossan, targeting a Tier-1, Cadia-style copper-gold porphyry system





Discovery Breakthrough – The Cayley Lode





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



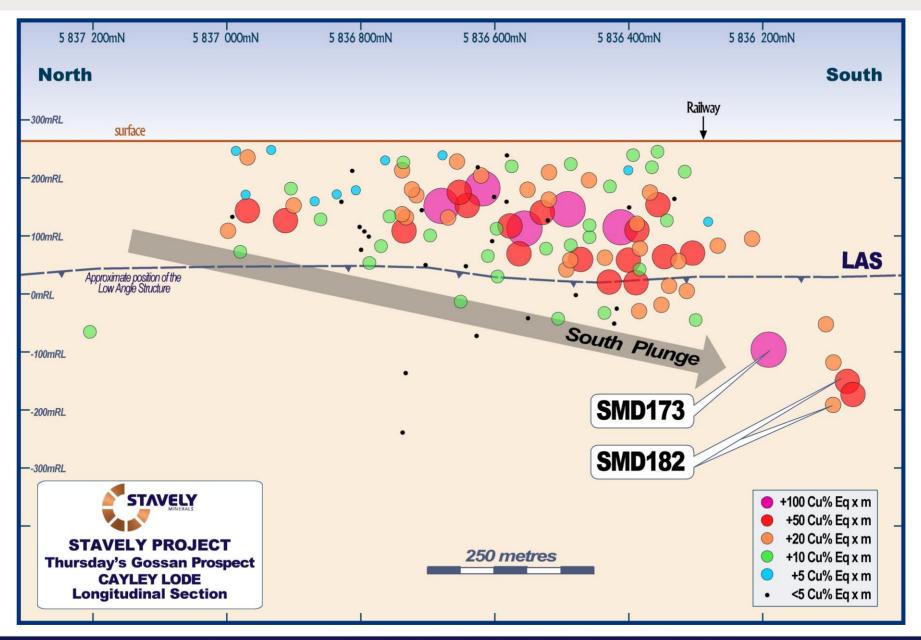


See ASX announcement 26/09/2019 and available from www.stavely.com.au



Cayley Lode Discovery – Resource Drilling Long Section

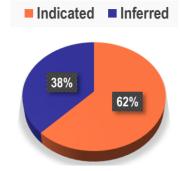




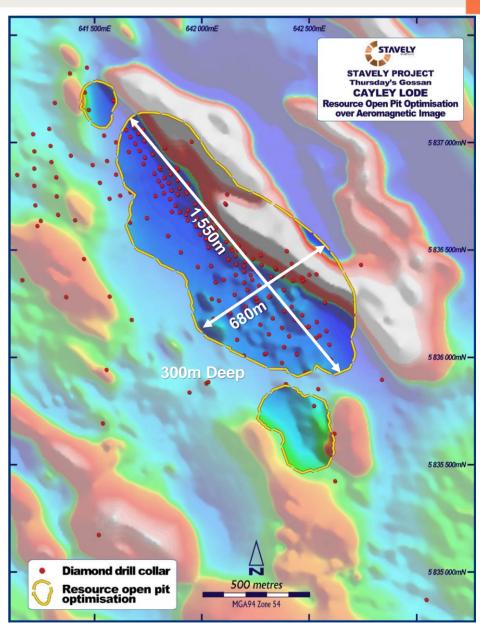
Cayley Lode Mineral Resource Estimate



- 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 Ag¹



- 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



Cayley Lode Discovery – Amenable to Open Pit and UG

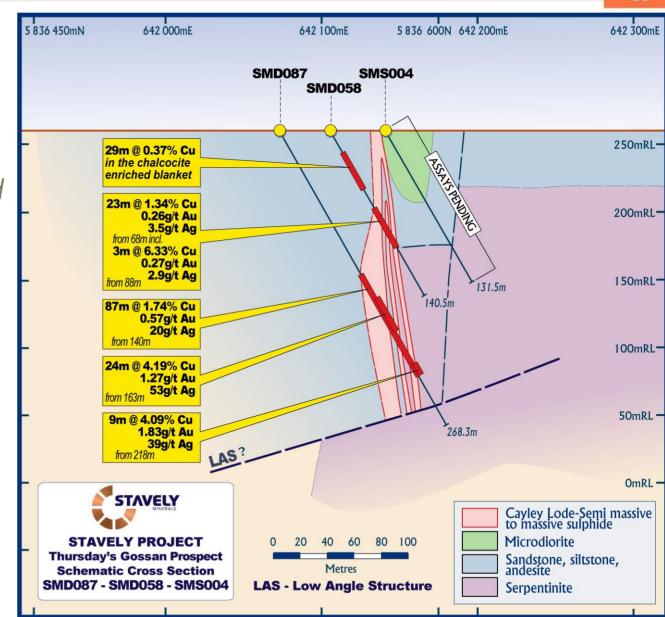


SMD087

- 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:

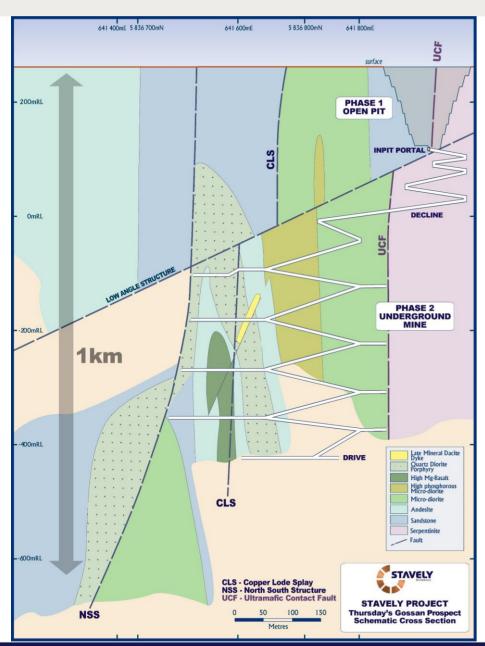
- a large intercept amenable to open pit bulk mining, and
- multiple discrete higher-grade intervals providing a 'sweet spot' of focus for underground mining



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

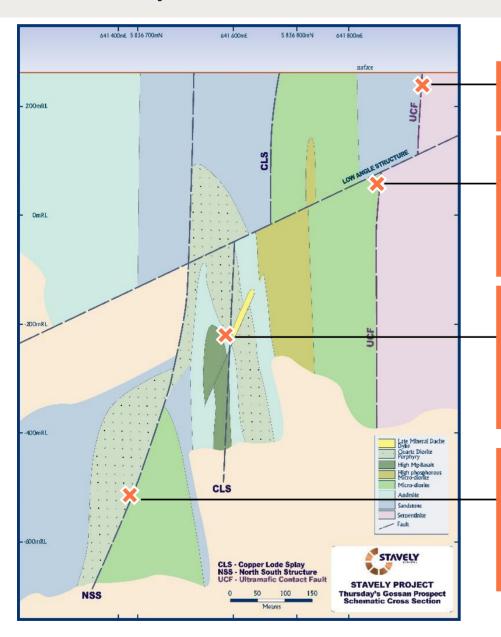
If continuity of mineralisation is confirmed to depths in excess of 1km – and we have intercepted mineralisation at ~1,150m drill depth in SMD045W2* – then at a vertical rate of mining advance of 50m-60m per year, we can envisage a multi-decade underground mine life

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



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

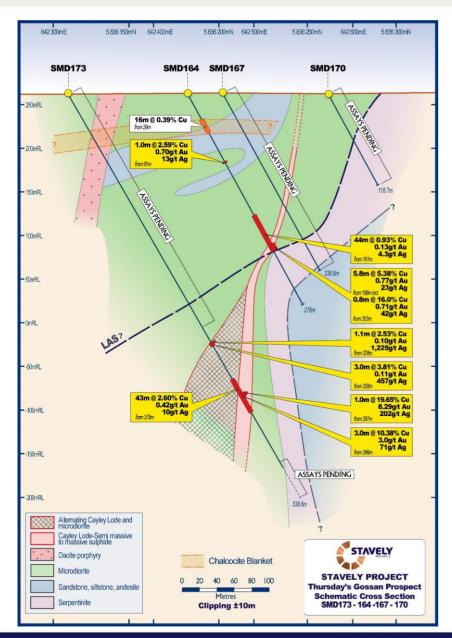
SMD044: 10m at 2.43% copper, 0.30g/t gold and 11g/t silver, from 583m drill depth on the CLS

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, <u>0.42g/t gold and 10g/t silver</u>, 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

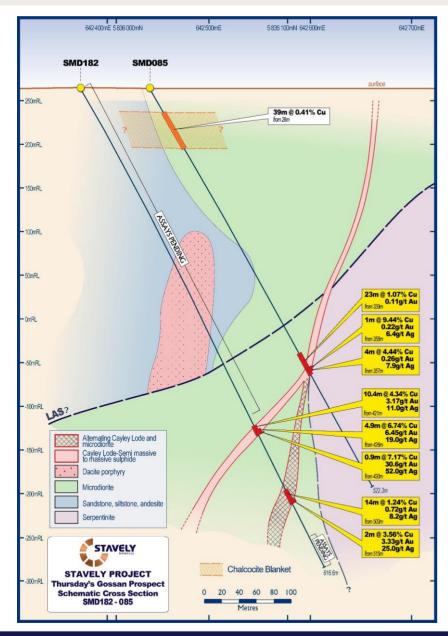


Vein / stockwork-style chalcopyite+quartz-filled fractures in chlorite+quartz-altered microdiorite. 390.6m.

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, <u>30.6g/t gold</u> and 52g/t silver

from 430m

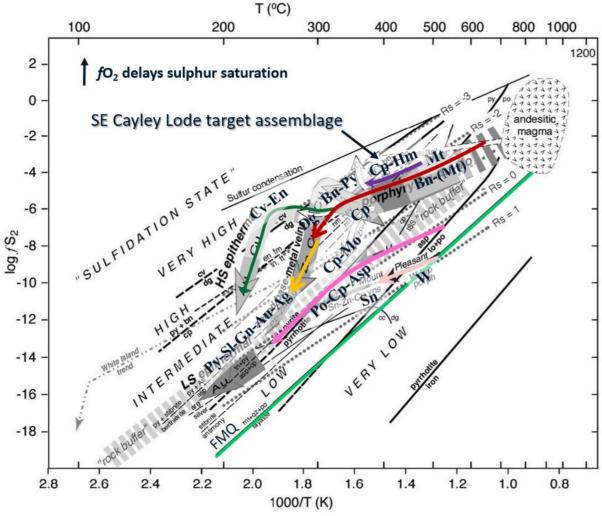


Hematite - specular hematite - magnetite - quartz - chalcopyrite at 423.5m (cut surface).

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

Cayley Lode Discovery – Getting Hotter



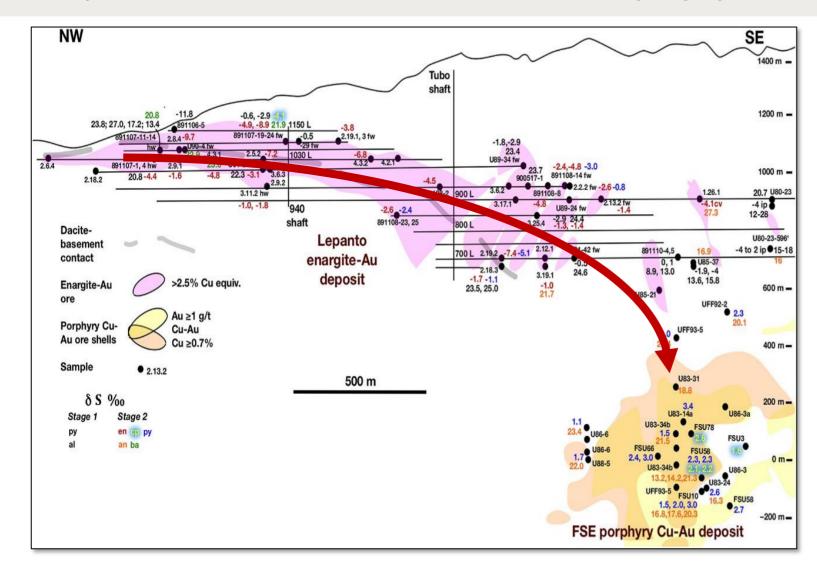


Mineral abbreviations: arg=argentite, asp=arsenopyrite, bn=bornite, cc=chalcocite, cp=chalcopyrite, cv=covellite, dg=digenite, en=enargite, fm=famatinite, gn=galena, hm=hematite, lo=loellingite, mo=molybdenite, mt=magnetite, po=pyrrhotite, py=pyrite, qz=quartz, sl=sphalerite, tn=tennantite, tt=tetrahedrite.

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).

Lepanto HS and Far Southeast Porphyry, Luzon, Philippines





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.stavelv.com.au

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

We believe the Cayley Lode has a similar porphyry relationship.

Mineral Resources*

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

Containing

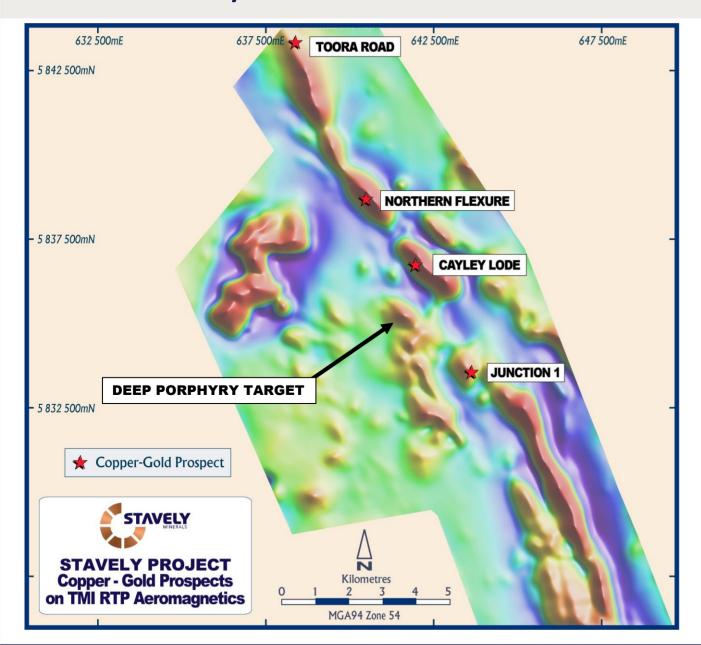
19.8Moz gold and 9,921Mlb copper

^{*} 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

The Stavely Volcanic Arc





The Cayley Lode is interpreted to be formed above a causative porphyry.

Diamond drilling of the deep porphyry target is to re-commence in mid-July.

The Stavely Arc is host to the Cayley Lode Cu-Au-Ag discovery and several other regional prospects:

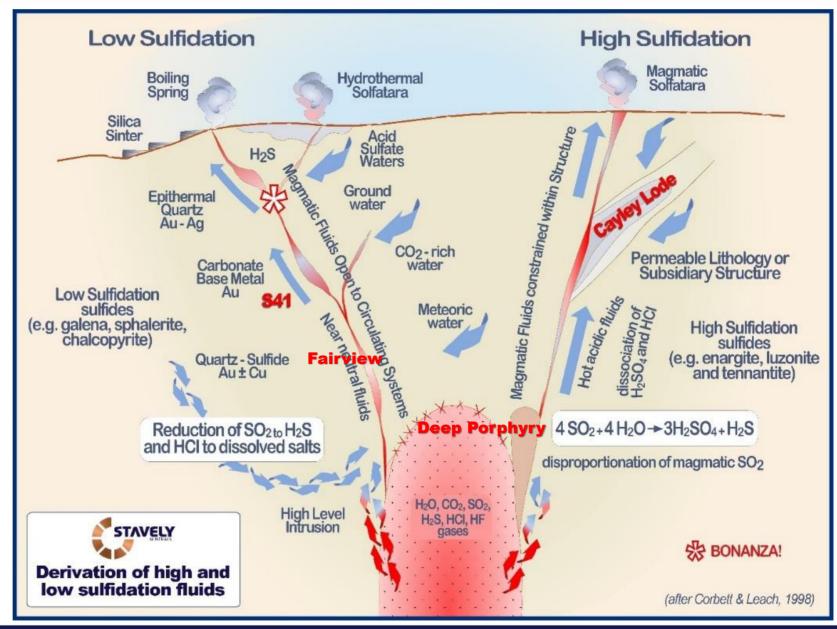
- Toora Road
- The Northern Flexure
- Junction 1



Regional Exploration – Massive Opportunity for Discovery



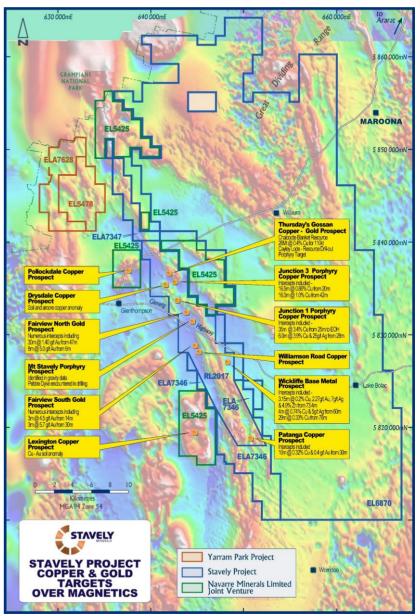
 Full range of discovery opportunities associated with an ancient volcanic arc



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 1,500km² 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



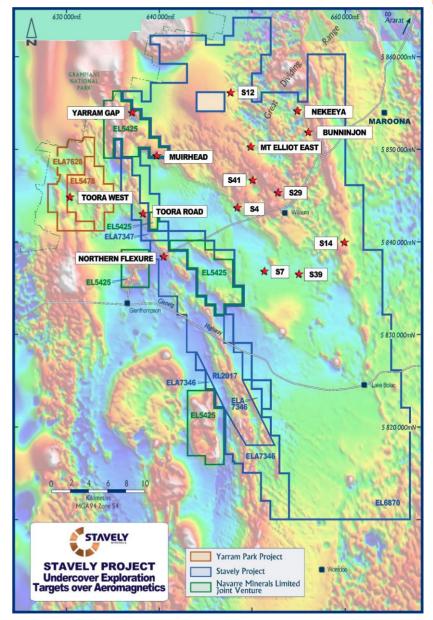
Regional Exploration – Massive Opportunity for Discovery



- 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



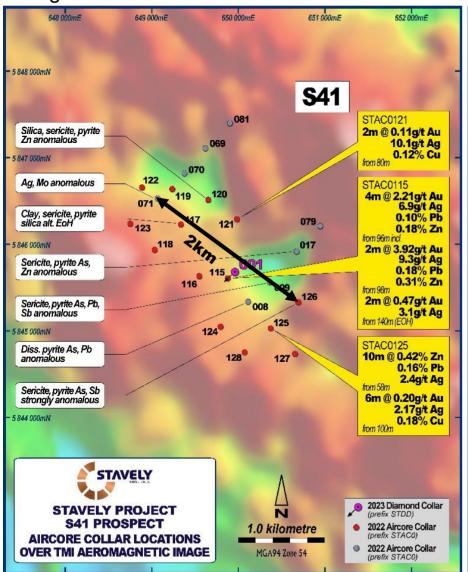
Massive quartz vein with chalcopyrite and molybdenite at Toora West prospect - STWD005 at 287m – 0.6m @ 8.72g/t Au, 1.85% Cu, 5.2g/t Ag & 151ppm Mo



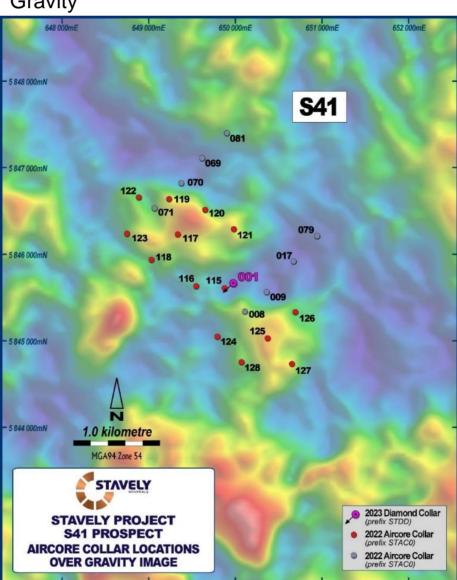
Emerging Discovery? – The S41 Prospect



Magnetics



Gravity



S41 Prospect Aircore

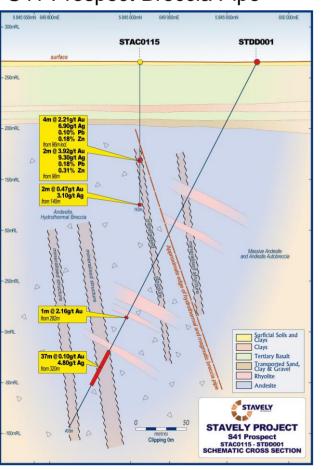
- 4m at 2.21g/t gold from 96m drill depth, including:
 - . 2m at 3.92g/t gold from 98m in aircore drilling
- Large 2km alteration zone
- Strongly anomalous base metals and pathfinder geochemistry

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

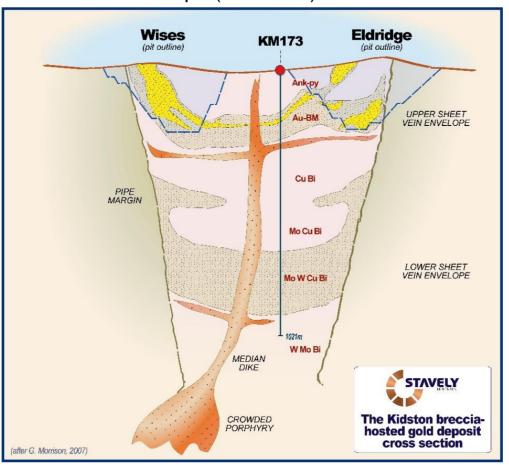
Emerging Discovery? – The S41 Prospect



S41 Prospect Breccia Pipe



Kidston Breccia Pipe (5 Moz Au)



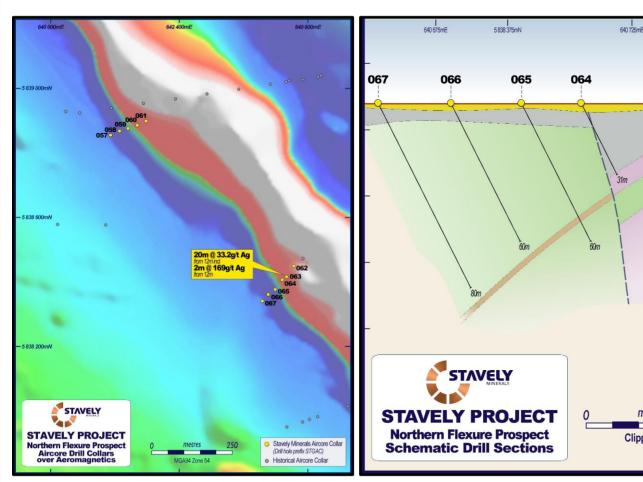
S41 Diamond Drill Hole

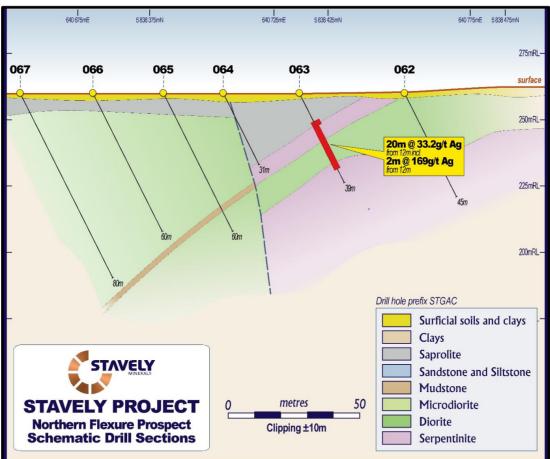
- 1m at 2.16g/t Au from 282m drill depth
- 37m at 0.10g/t Au, including:
 - **2m** at **0.56g/t Au** from 320m, and
 - 5m at 24.3g/t Ag from 353m
- Gold and silver in the system
- Breccia-hosted systems host notoriously inconsistent gold mineralization eg. Kidston
- Big systems

See ASX announcement 26/04/2023 and available from www.stavely.com.au

Emerging Discovery? – The Northern Flexure Prospect







Northern Flexure Prospect

- First drill programme
- 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

Junction 1 – Massive Opportunity for Additional Discovery

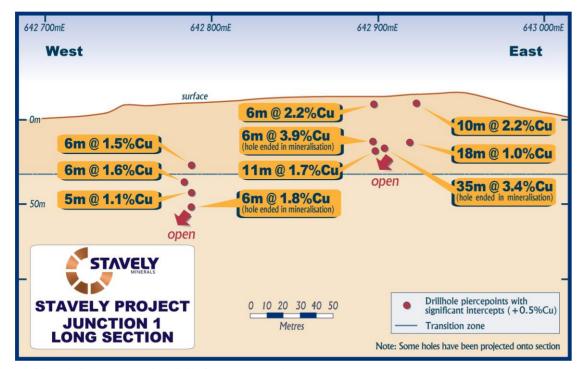


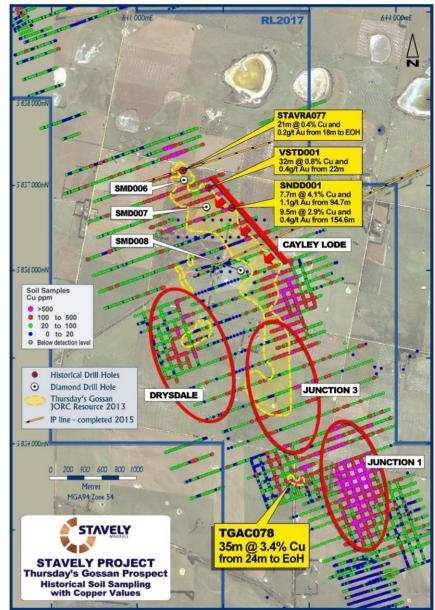
Junction 1 Prospect

- 2km south of the Cayley Lode
- Largest and highest grade soil anomaly in the project
- Restricted access over the past 15 years

Aircore drill results including 35m at 3.4% Cu from

24m





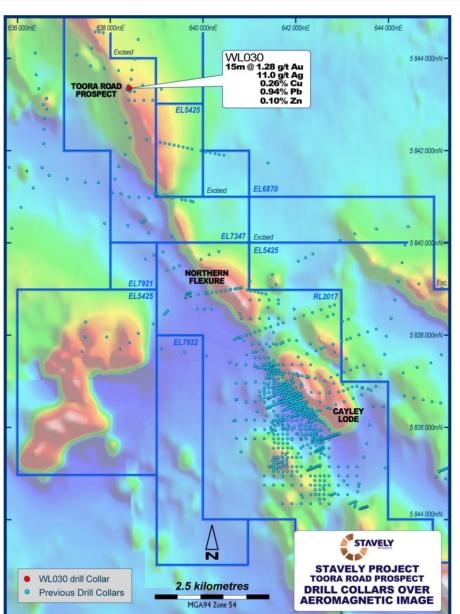
Toora Road

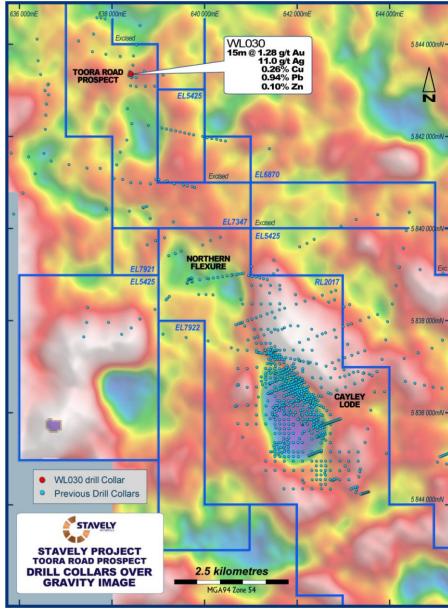


Toora Road Prospect

- Same magnetic trend as the Cayley Lode and the Northern Flexure prospect (left image)
- Historic aircore drill intercept (CRA): 15m
 28g/t Au, 11g/t
 Ag, 0.26% Cu, 0.94%
 Pb and 0.10% Zn immediately north of a prominent gravity low (right image)

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

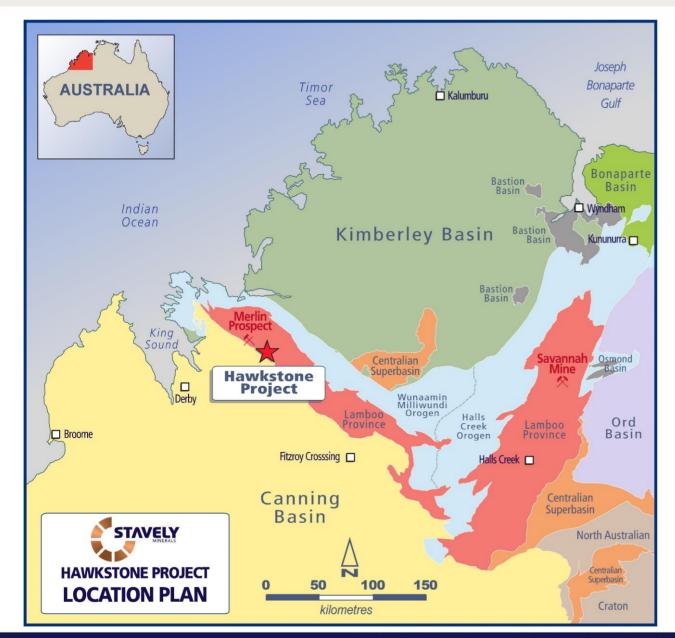






Hawkstone Ni-Cu-Co Project





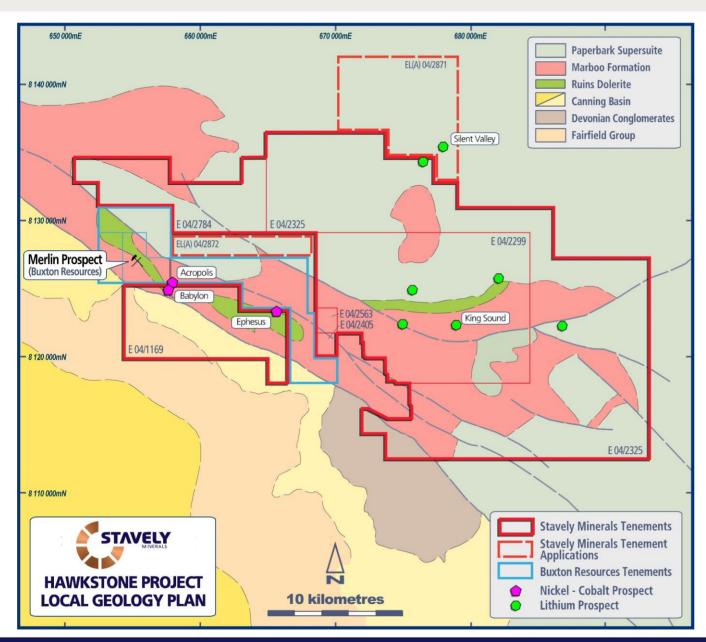
Hawkstone Ni-Cu-Co Project

- 1,800km2
- ~30km of the prospective Ruins Dolerite
- Buxton / IGO JV Merlin discovery 1km from tenement boundary
 - High tenor ave. 8%Ni
- Complimentary field season (winter) to the Stavely Project (summer)
- Potential for Li pegmatites as there are historic Sn-W-Ta mines

See ASX announcement 23/05/2023 and available from www.stavely.com.au

Hawkstone Ni-Cu-Co Project





Hawkstone Ni-Cu-Co Project

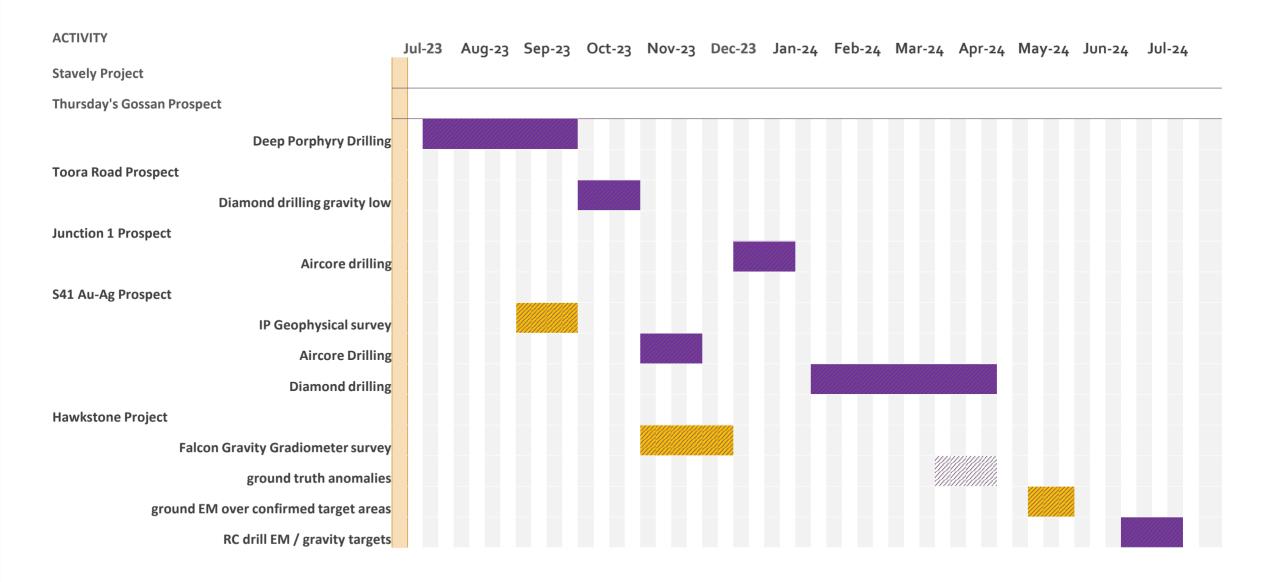
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 - High tenor ave. 8%Ni
- Complimentary field season (winter) to the Stavely Project (summer)
- Potential for Li pegmatites as there are historic Sn-W-Ta mines
- Every currently operating Li mine in WA was an historic Sn, W or Ta mine

See ASX announcement 23/05/2023 and available from www.stavely.com.au



12-month Work Programme





Copper and Nickel ...the Ultimate "Future-Facing" Commodities





power



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 and Nickel are some of the key metals required



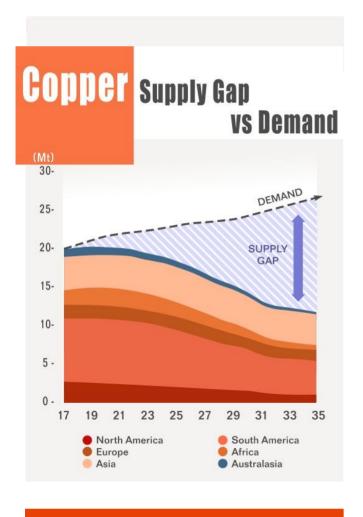
4 x more copper in an electric car than one with an internal combustion engine



6 types of bacteria killed by copper surfaces

Copper and Nickel...Compelling Market Fundamentals





CRU estimates a 15 million tonne copper supply deficit by 2035

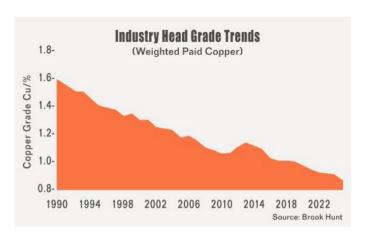
There are very few high-quality projects coming on stream in first world jurisdictions





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 (22/06/23) | \$0.12 |
| Shares on Issue | 326M |
| Cash (31/03/23) | \$3.9M |
| Market Capitalisation | \$39.1M |
| Management and Staff | ~12% equity |

| 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 |

12-month Share Price to 22 June 2023 \$0.35 3,500,000 ■ Close ■ Volume \$0.30 3,000,000 \$0.25 2,500,000 \$0.20 2,000,000 \$0.15 1,500,000 \$0.10 1,000,000 \$0.05 500,000 \$0.00 23/06/2022 23/12/2022 23/03/2023 23/09/2022 BID OFFER LAST VOL 0.006 0.007 0.000 0.002 0.003 0.003

Summary – Key Investment Takeaways



- ✓ First-mover position (1,461km²) 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
- Initial Mineral Resource estimate completed, obvious high-grade extensional opportunities PLUS the deep porphyry discovery opportunity
- Outstanding potential for a new porphyry province with regional targets and emerging discoveries –
 Junction 1, S41 Breccia and Toora Road
- ✓ Hawkstone Ni-Cu-Co Project provides an outstanding opportunity for discovery in an emerging Ni province
- BIG targets







STAVELY MINERALS ASX Code: SVY **Contact Us: Stavely Minerals Limited Level 1, 168 Stirling Highway Nedlands WA 6009** www.stavely.com.au info@stavely.com.au Ph: 08 9287 7630 The information in this presentation is extracted from information available to view on www.stavely.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. 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. STAVELY MINERALS - FINDING THE COPPER THE WORLD NEEDS FOR A LOW-CARBON FUTURE

Mineral Resources Classifications



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

| Table 4. Stavely Minerals Total Mineral Resources estimates Contained Contained | | | | | | | | | | | |
|---|----------------------|---------|----------------|--------|--------------|----------|---------|----------|-----------|--------|---------|
| Resource Material | Resource Category | Cut-off | Tonnes (Mt) | Grade | Cont. | Grade | Cont. | Grade | Metal | Grade | Cont. |
| | | (Cu %) | | (Cu %) | (MIbs Cu) | (Au g/t) | (oz Au) | (Ag g/t) | (oz Ag) | (Zn %) | (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