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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 Ag²
 - Commercial Viability Study in-progress
- Junction Lode
 - 35m at 3.44% Cu and 26g/t Ag
 - New structural interpretation provides discovery opportunity
- S41 Breccia-Hosted Gold
 - ~2km long x 750m wide hydrothermal breccia, potential for scale
 - only 1 x diamond drill hole to date
 - Carbonate base metal gold system eg.: Kidston, Mt Leyshon, Kelian

Hawkstone Magmatic Ni-Cu-Co Project¹

- Adjacent to IGO / Buxton Merlin / Double Magic discovery ave. 8% Ni tenor, new Dogleg discovery – emerging magmatic nickel province
 - Eg. Nova & Bollinger, Jinchuan, Voisey's Bay



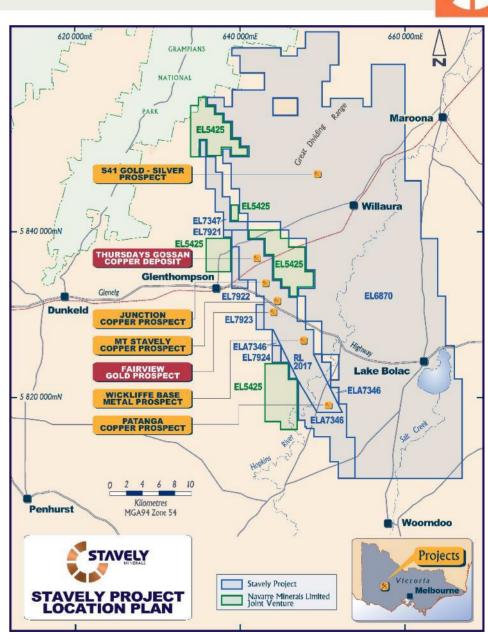
²See ASX announcement 14 June 2022, Appendix 1



Stavely Project



- Discovery
 – outstanding shallow high-grade copper-gold-silver discovery (September 2019), the Cayley Lode
- New style of mineralisation Magma/Butte copper lode-style system, never before seen in Australia
- Multiple regional discovery opportunities:
 - Junction Lode 35m at 3.44% Cu and 26g/t Ag from 24m to end of hole
 - New structural interpretation opens immediate discovery opportunity
 - S41 breccia-hosted gold 2km x 750m breccia pipe
 - Only 1 x diamond drill hole in large system, scale potential
 - Other regional targets include S2 and S3 porphyry targets,
 Toora Road gold target



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

² see ASX announcement 3 October 2023

The Cayley Lode Mineral Resources Estimate



- 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
- Potential Pathway to Production² Assessing potential processing options with a Commercial Viability Study



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

² see ASX announcement 9 May 2024



Junction Lode Discovery Opportunity



Junction is the largest copper in soil auger anomaly in the entire Stavely Project, located ~2km south of the Cayley Lode.

Historic intercepts at the Junction Prospect include¹:

- 35m at 3.44% Cu and 26g/t Ag from 24m drill depth to end-of-hole (EoH) in TGAC078
- 11m at 1.72% Cu and 26g/t Ag from 33m in TGRC087
- 6m at 2.15% Cu and 8g/t Ag from 2m and 6m at 3.90% Cu and 25g/t Ag from 28m to EoH in PENP004
- 6m at 1.52% Cu and 19g/t Ag from 42m, 5m at 1.12% Cu and 10g/t Ag from 62m; and 6m at 1.77% Cu and 21g/t Ag from 72m to EoH in TGRC110
- 6m at 1.65% Cu and 16g/t Ag from 37m in TGRC109

CAYLEY LODE JUNCTION Thursday's Gossan JORC Resource 2022 TGAC078 Historical Soil Sampling

¹ see ASX announcement 14 May 2024

Junction Lode Discovery Opportunity



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- 6m at 2.15% Cu and 8g/t Ag from 2m and 6m at 3.90%
 Cu and 25g/t Ag from 28m to EoH in PENP004
- 6m at 1.52% Cu and 19g/t Ag from 42m, 5m at 1.12%
 Cu and 10g/t Ag from 62m; and 6m at 1.77% Cu and 21g/t Ag from 72m to EoH in TGRC110
- 6m at 1.65% Cu and 16g/t Ag from 37m in TGRC109

All previous drilling not well oriented to properly test the Junction Lode.

^{642 700}mE 642 750mF 642 800mF 642 850mF 642 900mF 643 000mE - 5.833.750mN - 5.833 700mN 3.0m @ 0.58% Pb from 275m STAVRA119 16.5m @ 0.86% Cu from 20m 16.0m @ 0.99% Cu from 42m PEND4J - 5.833.650mN PEND21 **TGRC109** 2m @ 5.10% Cu & 6 q/t Aq 16 q/t Aq 6m @ 3.90% Cu & 25 a/t Aa -5833600mN SMD077 35m @ 3.44% Cu & 26 a/t Aa STAVRA266 TGRC082 TGRC111 -5833550mN 6m @ 1.33% Cu from 26n TGRC142 TGAC080 6m @ 1.52% Cu & 19 a/t Aa -5833500mN TGAC107 6m @ 1.77% Cu & 21 g/t Ag STAVELY 11m @ 1.72% Cu & 26 a/t Aa STAVELY PROJECT Junction drilling and Collar and trace new interpretation of copper mineralisation structure MGA94 Zone 54

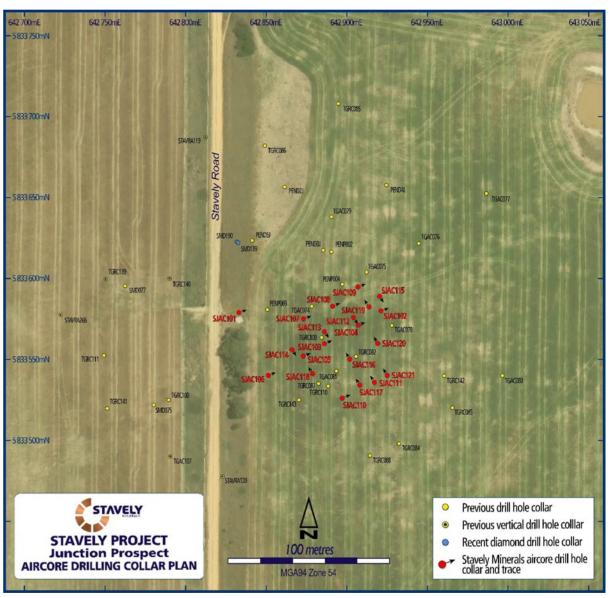
¹ see ASX announcement 14 May 2024

Junction Lode Discovery Opportunity



Recent aircore drilling has solved the structural controls on high-grade copper mineralisation at the Junction prospect.

- 21 aircore drill holes successfully completed
- Structural controls resolved
- Assays pending



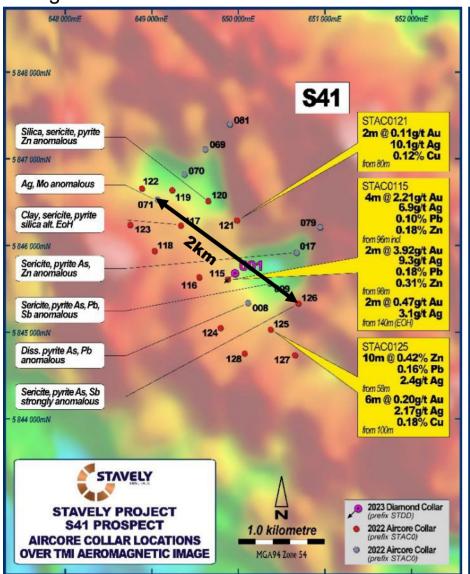
¹ see ASX announcement 3 September 2024



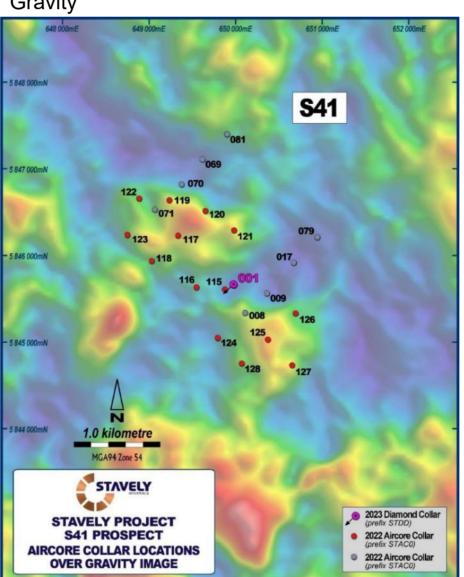
Emerging Discovery? – The S41 Breccia Prospect



Magnetics



Gravity



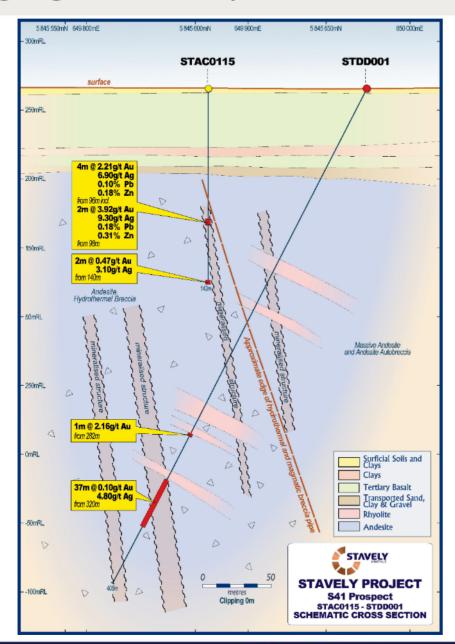
S41 Prospect Aircore

- 4m at 2.21g/t Au from 96m drill depth, including:
 - 2m at 3.92g/t Au 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 Breccia Prospect





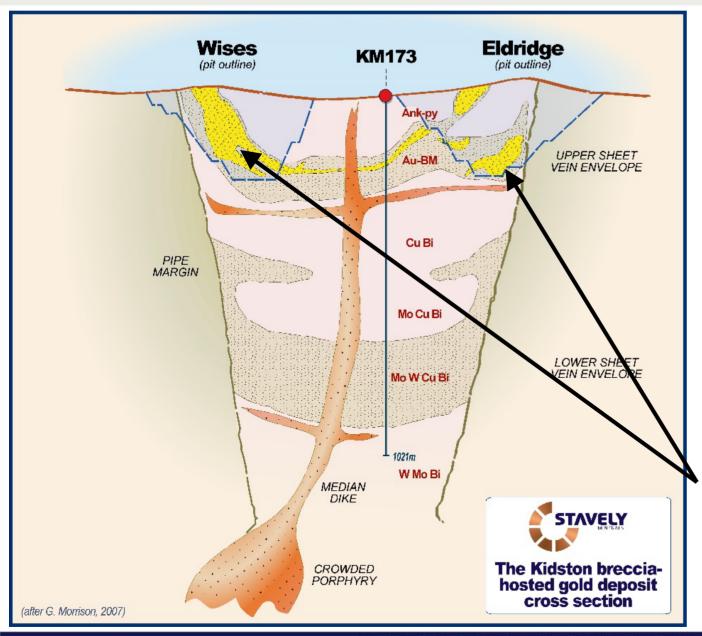
S41 Diamond Drill Hole

- Only one diamond drill hole in the 2,000m x
 750m interpreted breccia system
- 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
- Importantly demonstrated that there is gold and silver in the system associated with Mncarbonate and Zn & Pb base metals
- Breccia-hosted systems host notoriously inconsistent gold mineralization eg. Kidston
- Potential for scale

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

Emerging Discovery? – The S41 Breccia Prospect





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



The demise of sulphide nickel has been grossly exaggerated



The current nickel price is **not** at historic lows

- Emily Ann commences Ni production with ~US\$6,000/t nickel price
- Nova-Bollinger commences production into a falling nickel price

Both were highly profitable.



Emily Ann Nickel Mine commences production

Why Magmatic Nickel Sulphide?

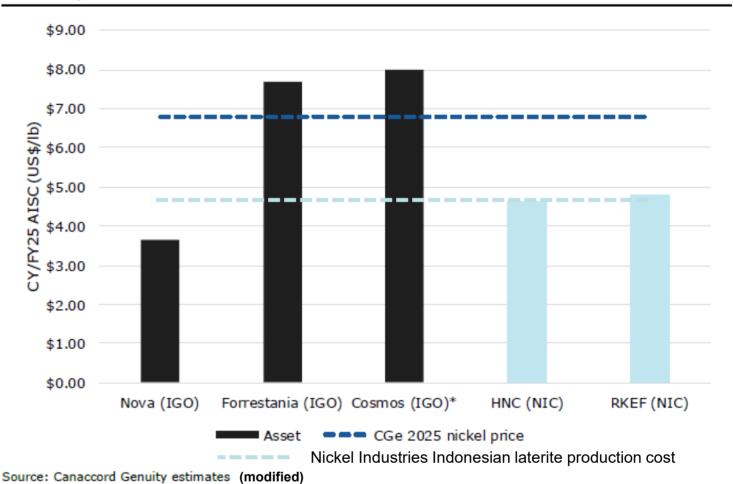


BUT – the key reason sulphide nickel will remain an attractive investment proposition is because a quality sulphide nickel deposit is lower on the cost curve, and more profitable per production unit than laterite nickel.

AND, despite approaching end-of-minelife, the Nova-Bollinger cost base remains below the NIC Indonesian laterite nickel cost base.

Nova-Bollinger is a magmatic Nickel sulphide style of deposit, along with Norilsk, Voisey's Bay and Jinchuan – the lowest-cost nickel producers globally.

Figure 15: FY25E AISC comparison shows the challenge IGO is facing with two of its key nickel assets



Note: Forrestania operations are delivering into US\$32,000/t hedges

Why Magmatic Nickel Sulphide?

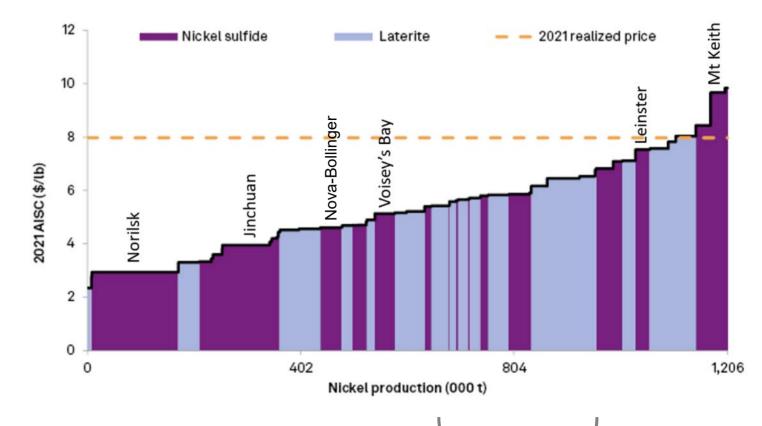


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2021 nickel cost curve by asset type



Data as of June 22, 2022.

AISC = all-in sustaining cost

Consensus price forecast scenario, coproduct costs.

Source: S&P Global Market Intelligence

Indonesian laterite nickel production dominates the third quartile of global production cost

Note: Forrestania operations are delivering into US\$32,000/t hedges

Why Magmatic Nickel Sulphide?



If you follow the crowd and don't like nickel, close your eyes and stick your fingers in your ears...

A\$83.5m

Nova-Bollinger EBITDA Q4 2024 +95% of Q4 IGO earnings

A\$294m

Nova-Bollinger EBITDA FY2024 +50% of FY24 IGO earnings

IGO is a A\$4.1B company

"The stock market is filled with individuals who know the price of everything, but the value of nothing."

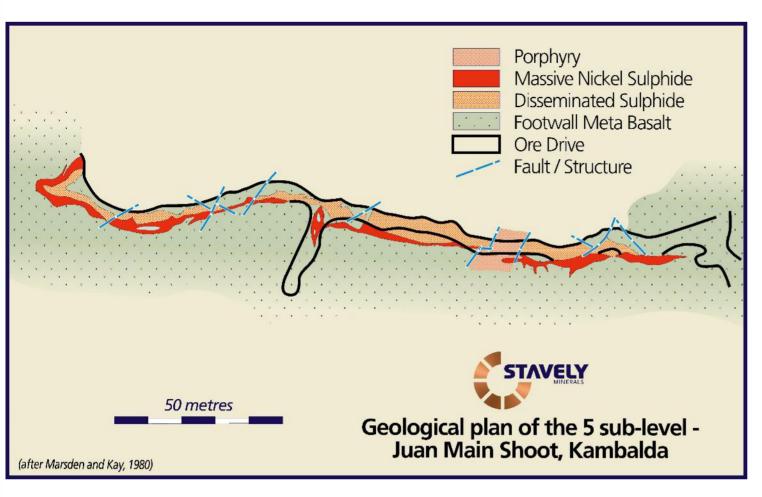
— Phillip Fisher

Don't be a sheep, do your own research.

Source: IGO June 2024 Quarterly Report and Presentation

Magmatic Nickel Sulphide v Kambalda-Style Nickel Sulphide





Komatiite-hosted nickel sulphides are naturally high-cost producers

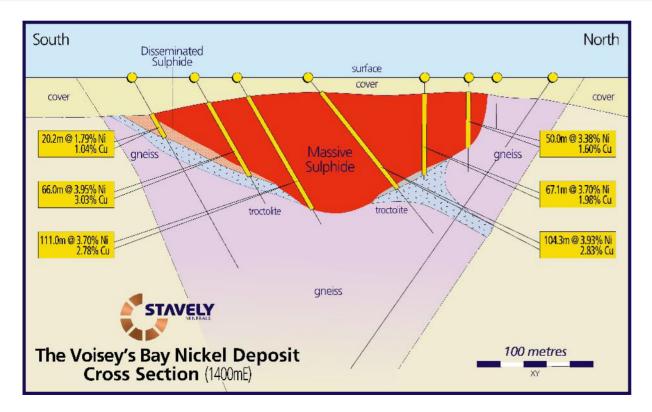
Comparatively low-tonnage per vertical metre Komatiite sulphide operations (eg. Mincor, Leinster) are higher cost than magmatic nickel deposits.

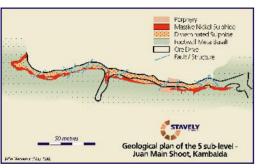
Magmatic nickel sulphides are amongst the lowest-cost producers

The lower half of the global nickel production cost curve is dominated by magmatic nickel deposits with high tenor and high tonnage per vertical metre.

Magmatic Nickel Sulphide v Kambalda-Style Nickel Sulphide







Voisey's Bay Ovoid Zone compared to Level 5, Juan Main Shoot, Kambalda – to scale



Komatiite-hosted nickel sulphides are naturally high-cost producers

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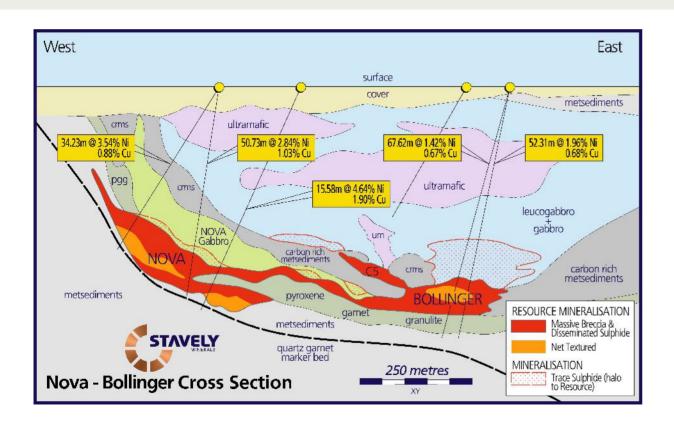
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Mining Economics Rule 1: It's all about payable metal per vertical metre!

Magmatic Nickel Sulphide v Kambalda-Style Nickel Sulphide







Nova-Bollinger compared to Level 5, Juan Main Shoot, Kambalda – <u>to</u> scale



Komatiite-hosted nickel sulphides are naturally high-cost producers

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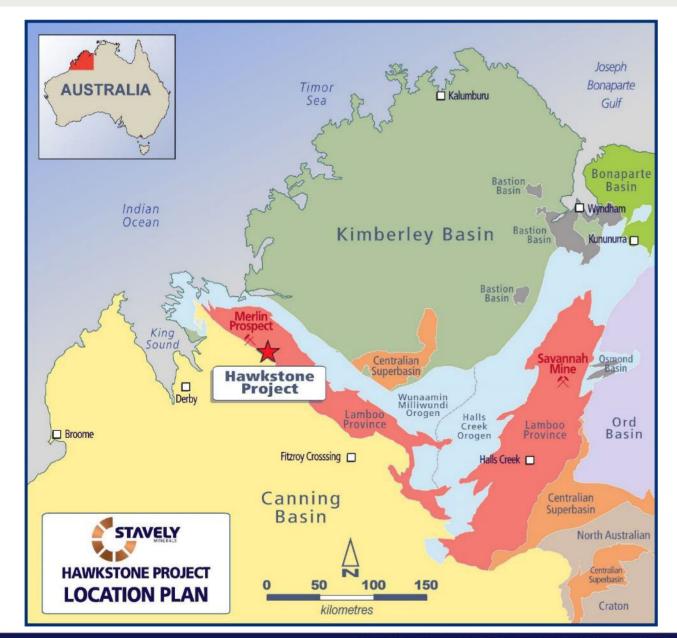
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Hawkstone Ni-Cu-Co Project

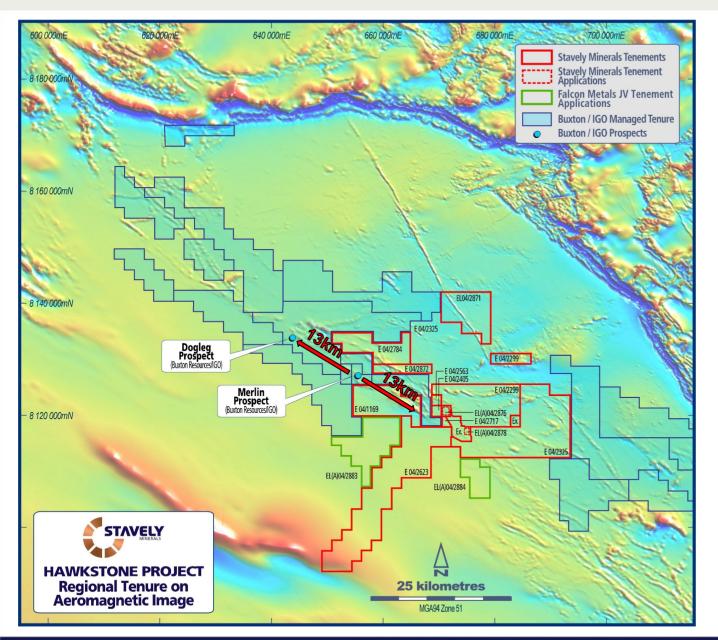
- ~870km² 100% tenure
- ~30km of the prospective Ruins Dolerite
- Buxton / IGO JV Merlin discovery 1km from tenement boundary
- Complementary field season (winter) to the Stavely Project (summer)
- Potential for Li pegmatites as there are historic Sn-W-Ta mines in Stavely Minerals' tenure

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

¹ Buxton Resources website

² AuEq = nickel grade (%) x ((AUD nickel price/ 0.000453592) / 100) / (AUD gold price / 31.10347)





Hawkstone Ni-Cu-Co Project

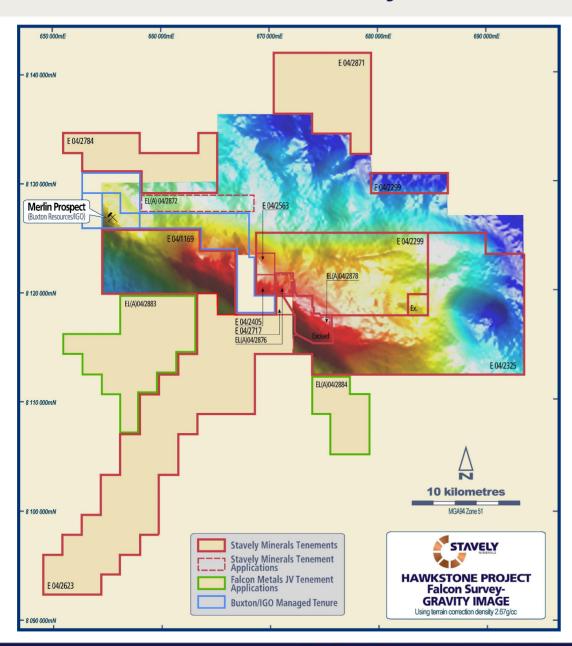
NEW IGO / BUX Dogleg nickel discovery (Quick Shears) 13km NW of Merlin / Double Magic¹:

- 23WKDD003 13.85m @ 4.35% Ni, 0.34%
 Cu and 0.15% Co from 177.34m, incl.
 - 5.86m @ 7.47% Ni, 0.31% Cu and 0.25%
 Co
- 23WKDD004 2.89m at 4.17% Ni, 0.83% Cu and 0.14% Co from 233.63m

"The Dogleg Prospect recently discovered by IGO/BUX JV is considered...to be the most significant greenfields Ni discovery in Australia this decade."

¹See ASX:BUX announcement 03/10/2023, 19/10/2023 and 6/11/2023

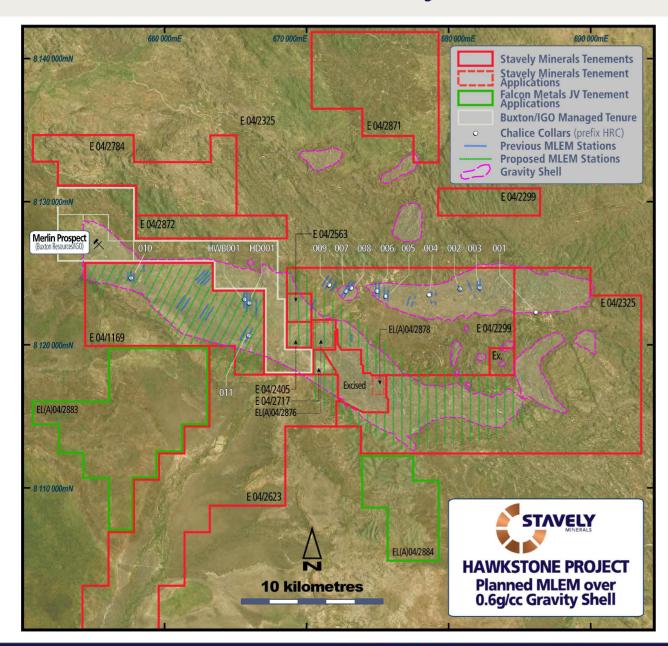




Hawkstone Ni-Cu-Co Project

- Stavely Minerals has flown the Falcon Gravity gradiometer and magnetic survey over the Hawkstone Project
- Gravity data shows an interpreted ~20km
 mafic / ultramafic magma chamber at depth
- Perfect host environment for a magmatic nickel sulphide deposit in a terrain with demonstrated high-tenor magmatic nickel sulphide endowment





Hawkstone Ni-Cu-Co Project

- First-stage of on-ground exploration to commence with a large moving-loop EM (MLEM) survey
 - WA EIS co-funding grant of up to \$230,000
- Next stage RC drilling of shallow conductors to 200m
 - WA EIS co-funding grant of up to \$170,000
- Deeper MLEM conductor to be tested with a deep diamond drill hole to 800m
 - WA EIS co-funding grant of up to \$220,000

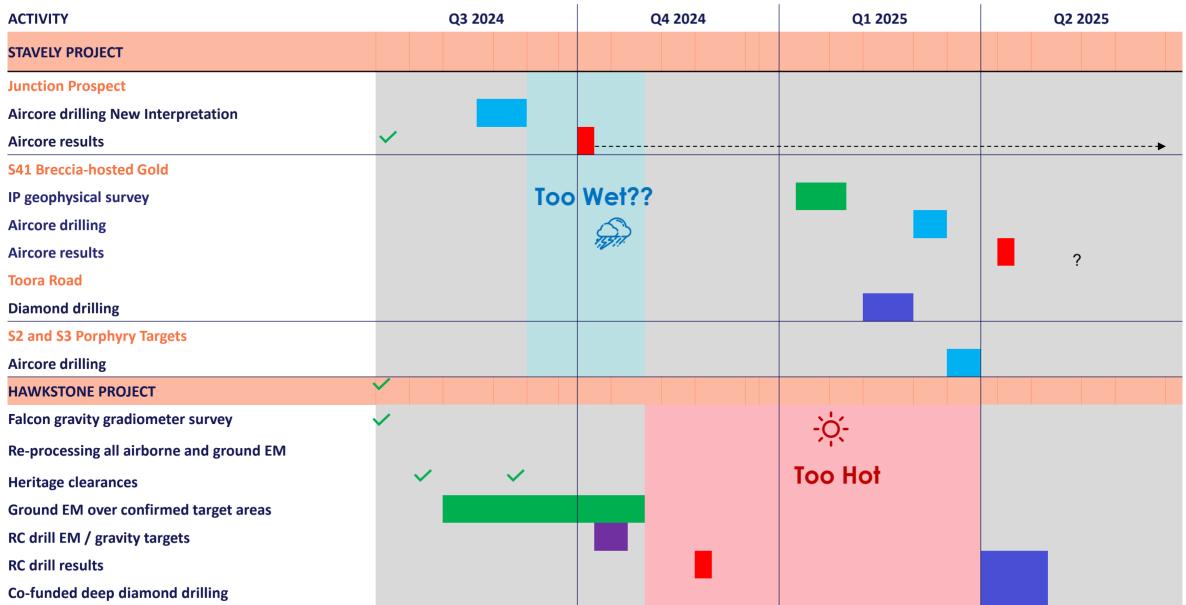
Hawkstone can be progressed to a decision to drill, and be drill tested with modest well-leveraged expenditure.

¹See ASX:BUX announcement 03/10/2023, 19/10/2023 and 6/11/2023



12-month Work Programme





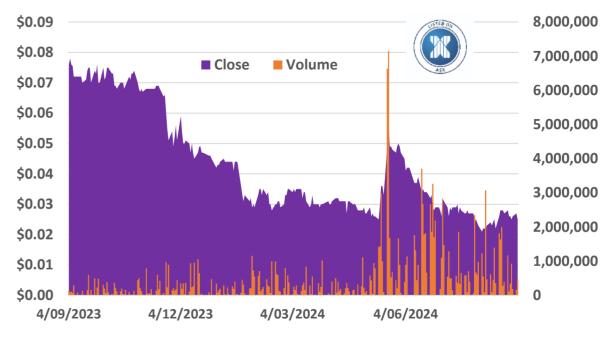
Corporate Summary



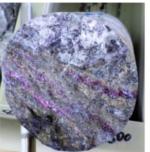
CAPITAL STRUCTURE	
ASX Ticker	SVY
Share Price (02/09/24)	\$0.027
Shares on Issue	482M
Cash (30/06/24)	\$3.7M
Market Capitalisation	\$13.M
Management and Staff	~10% equity

Directors	
Chris Cairns	Executive Chair
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 2 September 2024









Summary – Key Investment Takeaways



- ✓ The Cayley Lode is a quality high-grade copper-gold-silver Mineral Resource from surface
- ✓ We believe there is potential for local processing of high-grade, small-footprint underground production Commercial Viability Study has commenced
- ✓ Junction copper (aircore drilling complete, assays pending) and S41 gold discovery opportunities
- Markets have got it wrong on magmatic nickel sulphide
- ✓ Magmatic nickel sulphide deposits will always dominate the lowest-quartile of the cost curve
- Hawkstone Ni-Cu-Co Project provides an outstanding opportunity for discovery in an emerging hightenor magmatic nickel sulphide province with demonstrated fertility
- BIG targets









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





3.6 tonnes of copper for every MW of wind 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



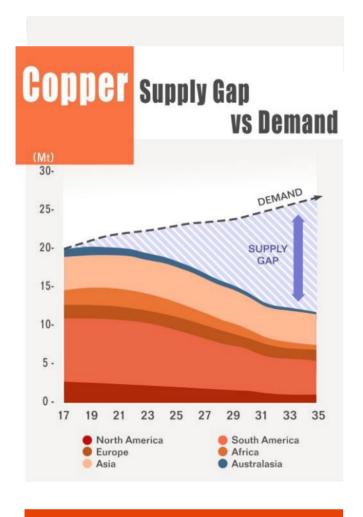
4 x more copper in an electric car than one with an internal combustion engine



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

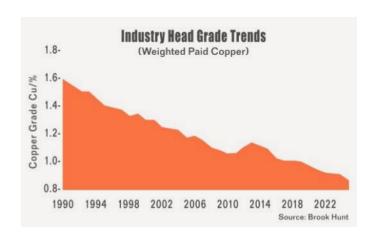
There are very few high-quality projects coming on stream in first world jurisdictions





Escondida, the world's largest copper mine:

- 1.72% Cu average head grade in 2007
- 0.52% Ore Reserve grade in 2019



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



Appendix 1: Mineral Resources Classifications



Table 1. Cayley Lode Initial Mineral Resource estimate									
Resource Material	Resource Category	Cut-off	Tonnes	Grade	Cont.	Grade	Cont.	Grade	Cont.
		(Cu %)	(Mt)	(Cu %)	Cu (Mlbs)	(Au g/t)	Au (oz)	(Ag g/t)	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-To	Sub-Total Primary OP			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-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											
Resource Material	Resource Category	Cut-off	Tonnes (Mt)	Grade	Cont.	Grade	Cont.	Grade	Contained Metal	Grade	Cont.
		(Cu %)		(Cu %)	(Mlbs 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 St	tavely 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