



S K Y M E T A L S

DEVELOPING A LARGE TIN PROJECT IN NSW

TO MEET GROWING GLOBAL
DEMAND FOR TIN – A VITAL
TECHNOLOGY METAL

MAY 2024



ASX: SKY

DISCLAIMER - IMPORTANT INFORMATION



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Forward-looking information is based on the reasonable assumptions, estimates, analysis and opinions of management of the Company made in light of their experience and their perception of trends, current conditions and expected developments, as well as other factors that management believes to be relevant and reasonable in the circumstances at the date that such statements are made, but which may prove to be incorrect. The Company believes that the assumptions and expectations reflected in such forward-looking information are reasonable.

Assumptions have been made regarding, among other things: the Company's ability to carry on its future exploration, development and production activities, the timely receipt of required approvals, the price of tin, gold, copper and base metals, the ability of the Company to operate in a safe, efficient and effective manner and the ability of the Company to obtain financing as and when required and on reasonable terms. Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. The Company does not undertake to update any forward-looking information, except in accordance with applicable securities laws.

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Competent Persons Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr. Oliver Davies, who is a Member of the Australasian Institute of Geoscientists. Mr. Oliver Davies is an employee of Sky Metals Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' Mr. Davies consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Mineral Resource Estimate was prepared by Luke Burlet, who is a Member and Chartered Professional (Geology) of the Australasian Institute of Geoscientists. Luke Burlet is a Director of H & S Consultants and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' Mr. Burlet consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

EXPERIENCED AND PROVEN MANAGEMENT



NORMAN SECKOLD | Chairman

30+ years in the full-time management of natural resource companies. Past Chairman and Director of listed companies including Bolnisi Gold NL, Timberline Minerals Inc., Perseverance Corporation Ltd, Valdora Minerals NL, Palmarejo Silver, Kings Minerals NL, Mogul Mining NL, Gold Corp and Santana Minerals Ltd. Currently Chairman of both Nickel Industries Ltd and Alpha HPA Ltd.



RICHARD HILL | Non-Executive Director

25+ years experience in the mineral resources sector as a geologist and solicitor. Mr. Hill has a successful track record of guiding ASX listed mining companies from the exploration and discovery phase through to development in a range of commodities. These have included past roles as founding Director for Aurelia Metals Ltd, Strandline Resources Ltd and as Chairman of Genesis Minerals Ltd as well as current Chairman of New World Resources Ltd and Accelerate Resources Ltd.



RIMAS KAIRAITIS | Non-Executive Director

25+ years experience in minerals exploration and resource development in gold, base metals and industrial minerals. In his most recent role, Mr. Kairaitis was founding Managing Director and CEO of Aurelia Metals (ASX: AMI), which he steered from a junior exploration company to a profitable NSW based gold and base metals producer. Mr. Kairaitis is also the Managing Director of Alpha HPA Limited.



OLIVER DAVIES | CEO

Geologist with SKY since listing in 2019. Previously in exploration and operational roles with Evolution Mining and Alkane Resources in NSW and Qld. Mr. Davies has worked closely on several successful NSW discoveries including Evolution Mining's significant expansion of the Lake Cowal gold resource and Alkane's exploration success at Tomingley and Boda.

EXPERT GUIDANCE | SKY's Consultants

Tallebung Environmental Mining Approvals: **R.W. Corkery & Co.** to advise on best practice for environmental studies and mining approvals process.
Tallebung Metallurgy – **Gunn Metallurgy, TOMRA Ore Sorting Solutions** and **ALS Burnie** engaged to conduct metallurgical testwork.
Tallebung Resource Estimation – **H&SC** modelled and estimated the MRE and Exploration Target.

CAPITAL STRUCTURE

Shares on issue	567.9M
Options & Performance Rights	49.9M
Share price (close 29 Apr 2024)	~\$0.033
Market capitalisation	~\$18.7M
Cash (31 Mar 2024)	~\$3.91M
Debt	Nil

BOARD AND MANAGEMENT

Norm Seckold	Chairman
Richard Hill	Non-Executive Director
Rimas Kairaitis	Non-Executive Director
Richard Willson	Company Secretary
Oliver Davies	Chief Executive Officer

SHAREHOLDERS

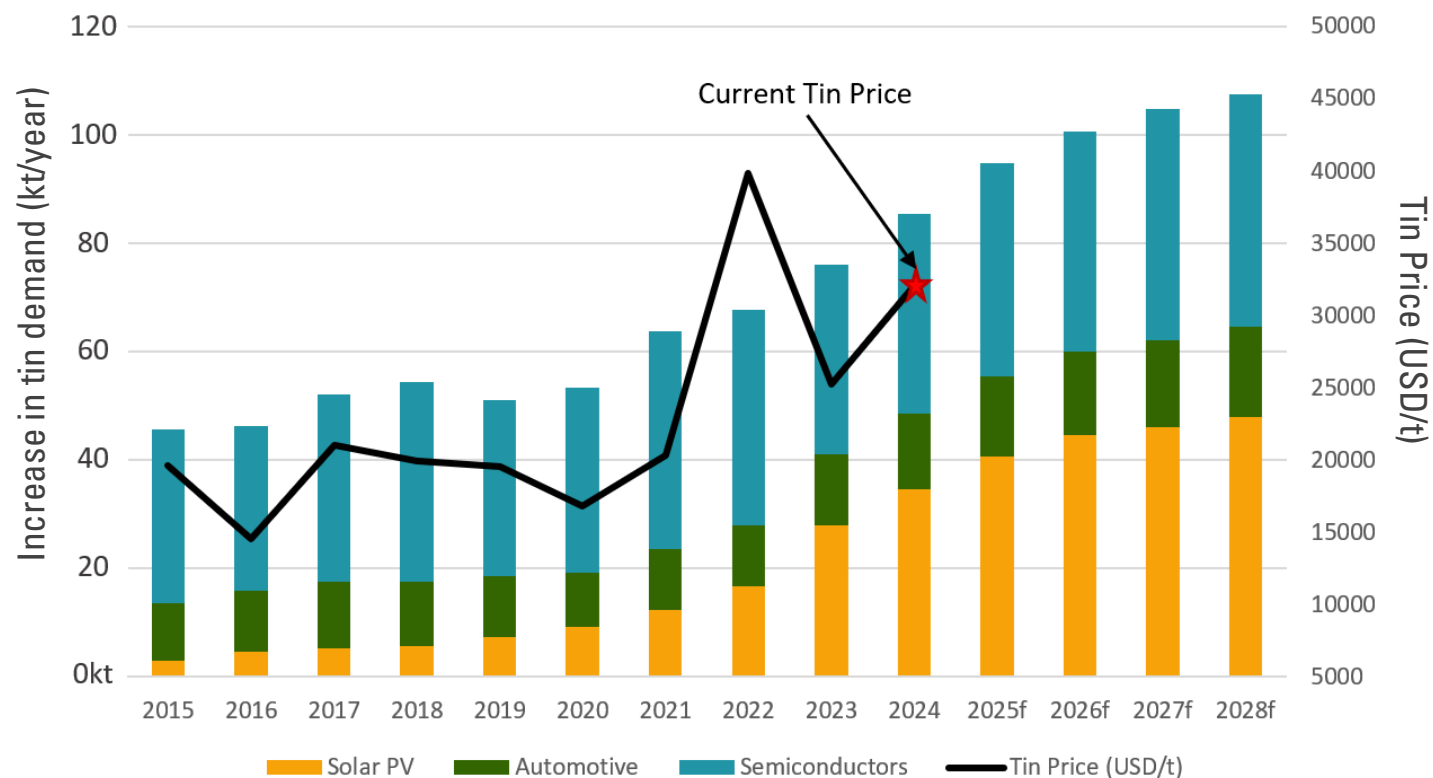
Aurelia Metals	3.2%
Board and Management	9%
Top 20 holders	48.0%

TIN: VITAL TECHNOLOGY METAL

Fundamental structural demand growth – Triggering supply crunch after 30+ year under investment.

Tin is vital within EVs, Renewable Energy and all electronics.

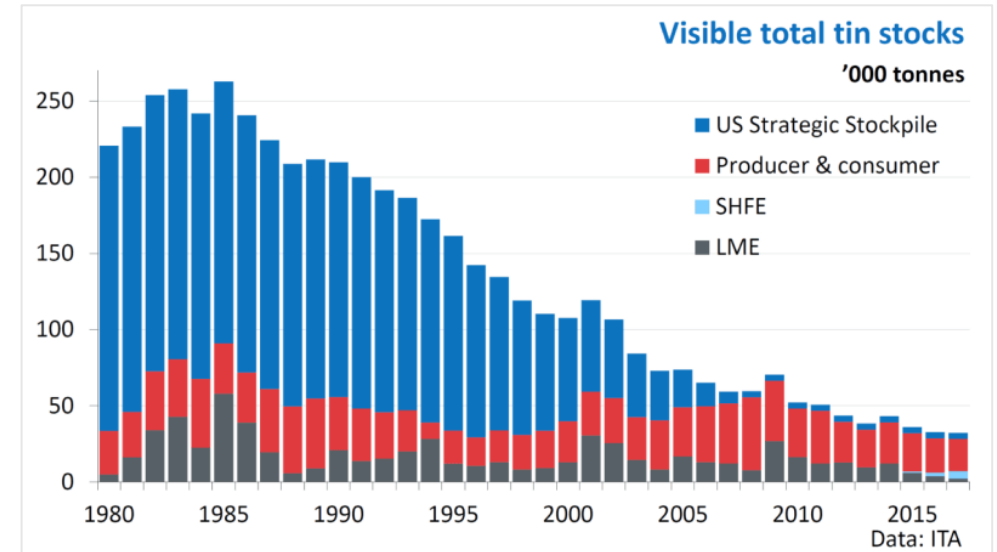
Tin Price - Increasing with Growing Demand



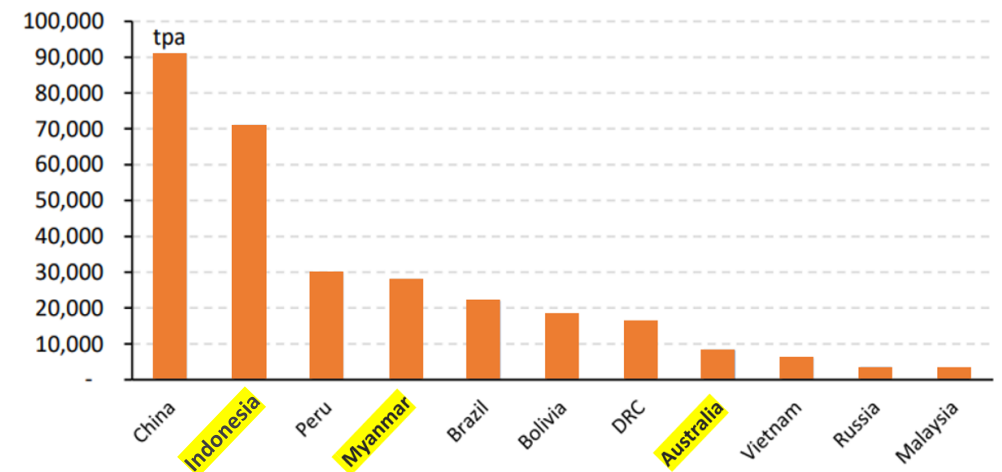
Source: BNEF, Rho Motion, Macquarie Strategy – Apr' 24

TIN: THE FORGOTTEN ELECTRIFICATION METAL – GLOBAL SUPPLY DISRUPTIONS

- Inelastic tin price – driven by irreplaceable demand in electronics sector and global electrification.
- Pending Indonesia 2024 export ban – 2nd largest supplier and 20% of global tin supply.
- Myanmar suspended tin mining – 4th largest supplier producing 10% of world tin supply.
- +30 year under investment in tin supply, metal shortages inevitable, growing tin price.
- Limited reliable and ethical sources.



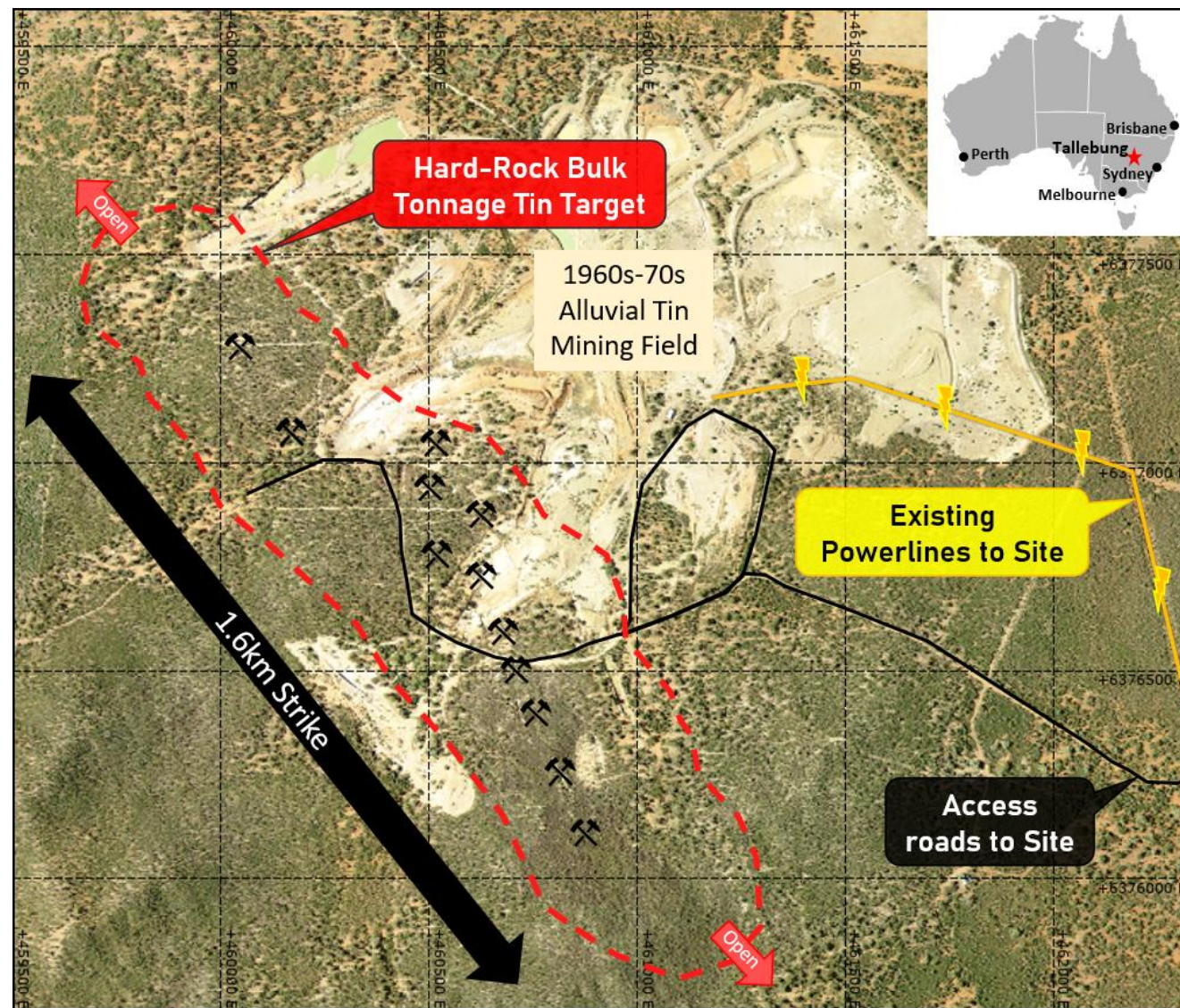
Global Tin Supply by Country (tpa)



Source: ITA, Petra Capital

MAJOR HISTORIC TIN OPERATION

- Tin discovered in the 1890s and mined into the mid-1980s.
- Small shafts and open pits mined hardrock tin veins, culminating in large scale alluvial mining production in the 1960s-70s.
- Infrastructure already in place from previous mining includes:
 - Powerlines to site.
 - Haul roads constructed to site.
- Large scale, hardrock tin deposit still in place and only minor selective mining historically.



Aerial Photo - Tallebung Tin Mine Historic Mining and Infrastructure. 6

ASX: SKY

TALLEBUNG TIN PROJECT



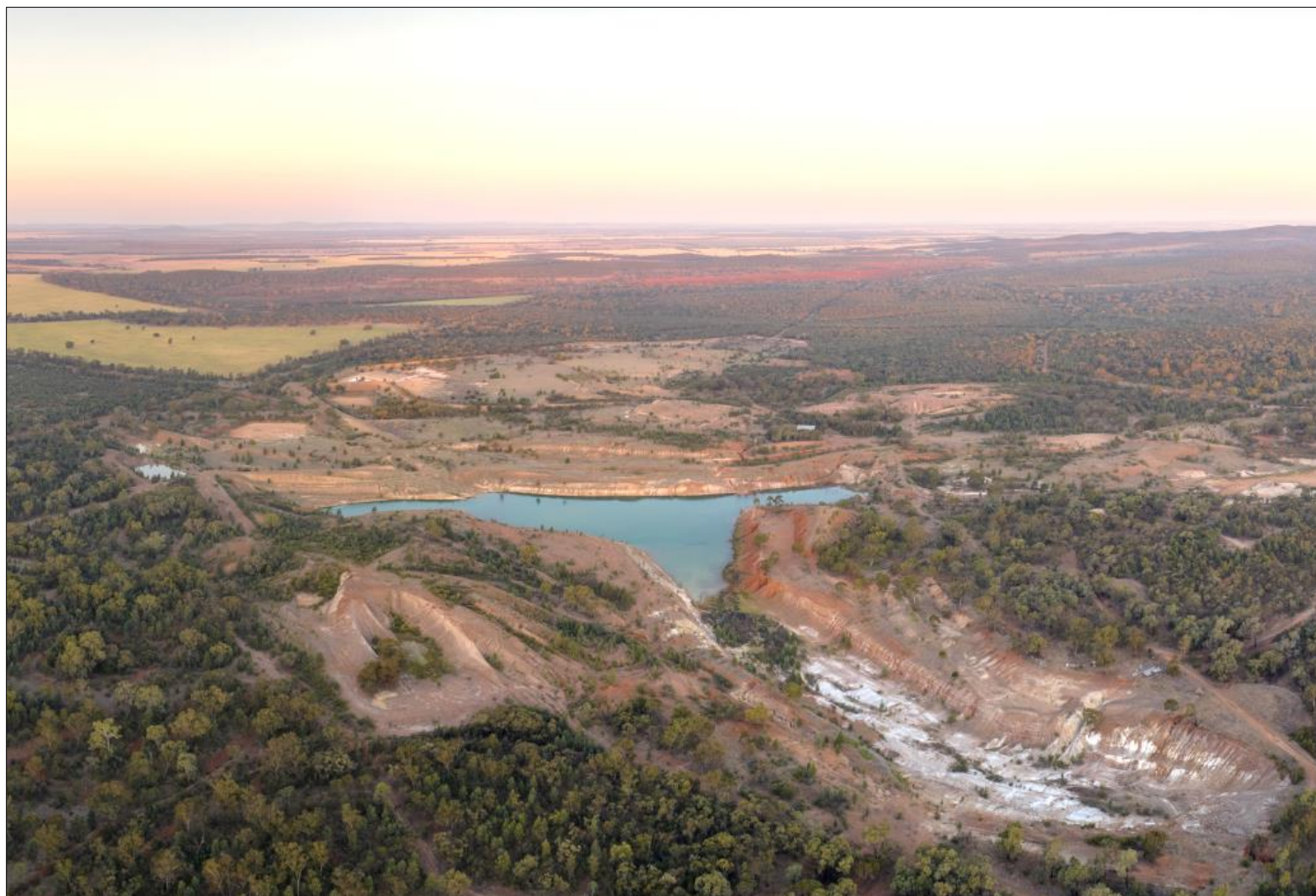
TALLEBUNG TIN PROJECT

Low-Cost Mining – Shallow deposit at surface, very low strip ratio and deposit grows with every new drillhole.

Exceptional Ore Sorting – Ideally suited to the deposit and increases grade $>5x$ and removes 80% of mined mass as waste.

Low-Cost Processing – Simple gravity circuit for a saleable tin concentrate.

High Payability on Tin Concentrate – over 90% payability on $+60\%$ tin concentrates.



Tallebung Tin Mine – Drone Photo looking East down the Central Lead Open Pit.

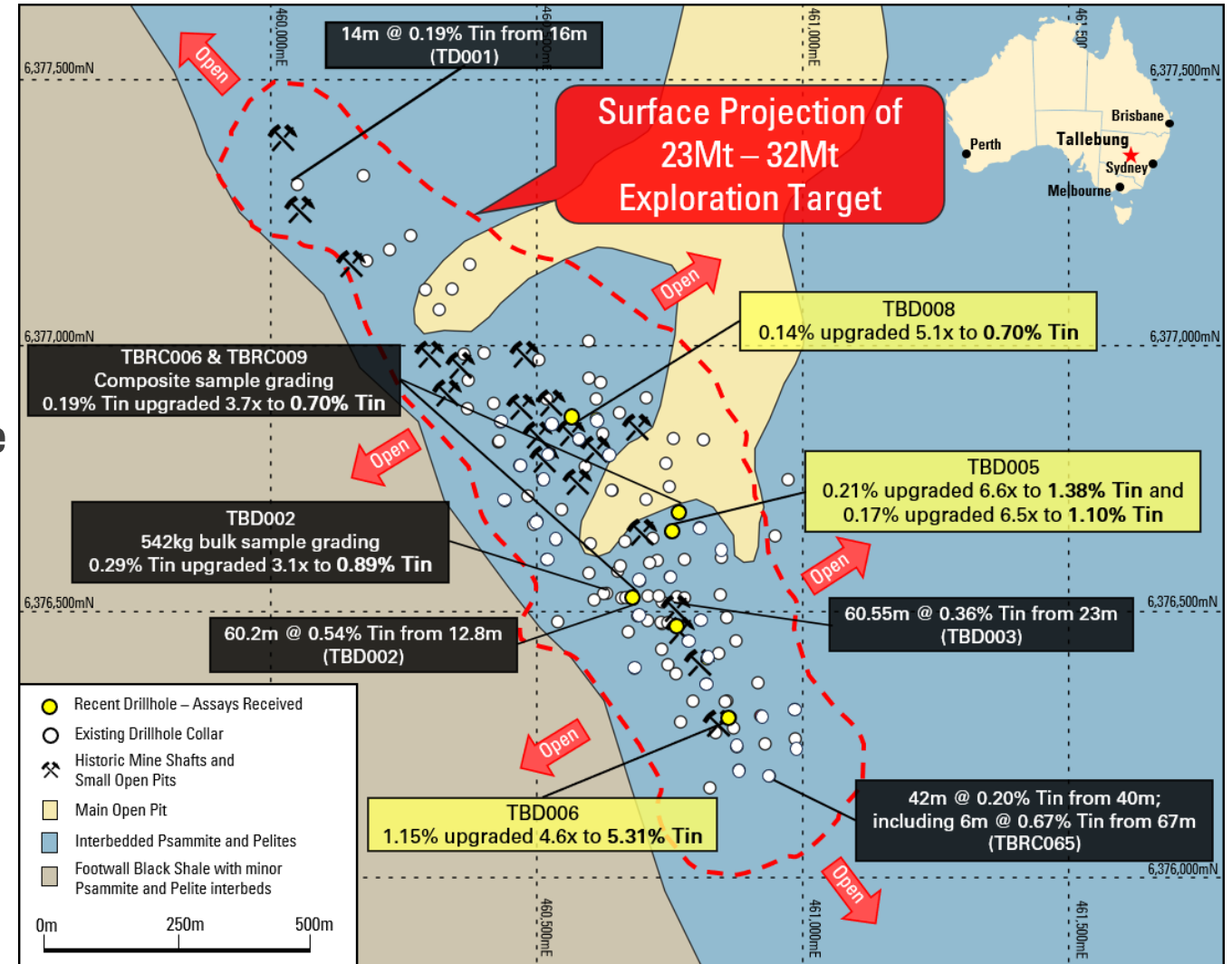
LARGE HISTORIC OPEN PIT ALLUVIAL MINING OPERATION



Talleybung Tin Mining Field – Drone Photo looking North.

LARGE HARDROCK TIN RESOURCE

- Updated Jan 2024 MRE, totals:
15.6 Mt @ 0.15% Tin for 23kt of contained Tin.
- New Exploration Target estimate:
23 – 32 Mt @ 0.14 – 0.17% Tin
- Tin mineralisation highly amenable to **5x upgrade** using TOMRA Ore Sorting – **0.15% = +0.70% Tin**
- 0.70% Tin equivalent to **+2.7g/t Au or +2.1% Cu**.
- MRE and Exploration Target are **open** along strike and up and down dip – only limited by drilling.
- Maiden Indicated MRE:
5.00 Mt @ 0.16% Tin for 7.93kt of contained Tin.



Schematic Plan View - Tallebung Tin Mine
Recent TOMRA ore sorting upgrade results in yellow.

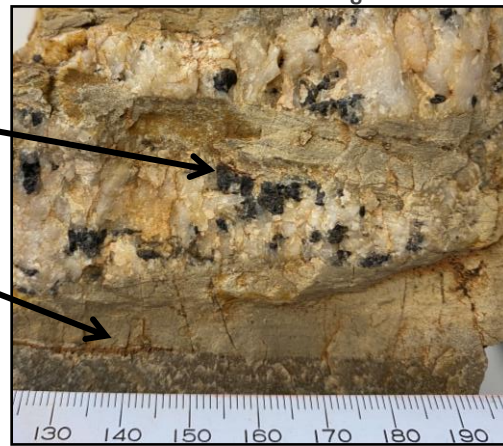
ASX: SKY TALLEBUNG TIN PROJECT



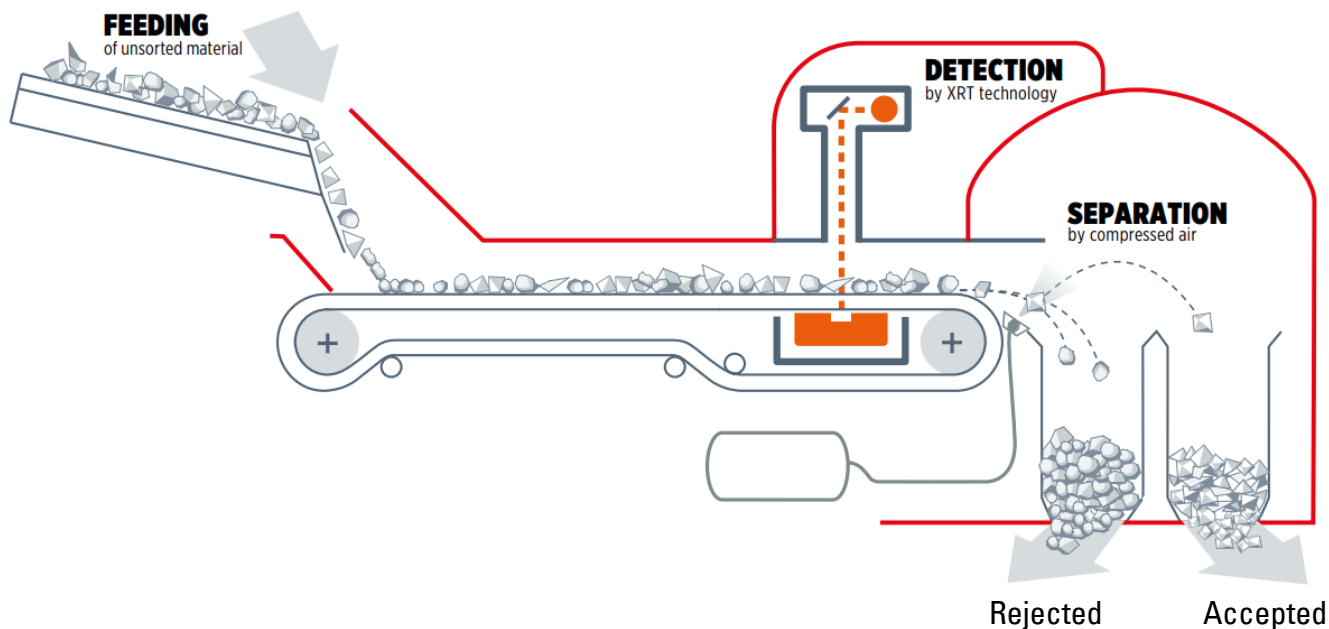
Cassiterite Ore from Tallebung – Scale in mm

Black Tin – cassiterite “nuggets”
detected by ore sorter and accepted

Host rock and quartz vein without tin
are rejected by ore sorter



Schematic of a TOMRA XRT Ore Sorter



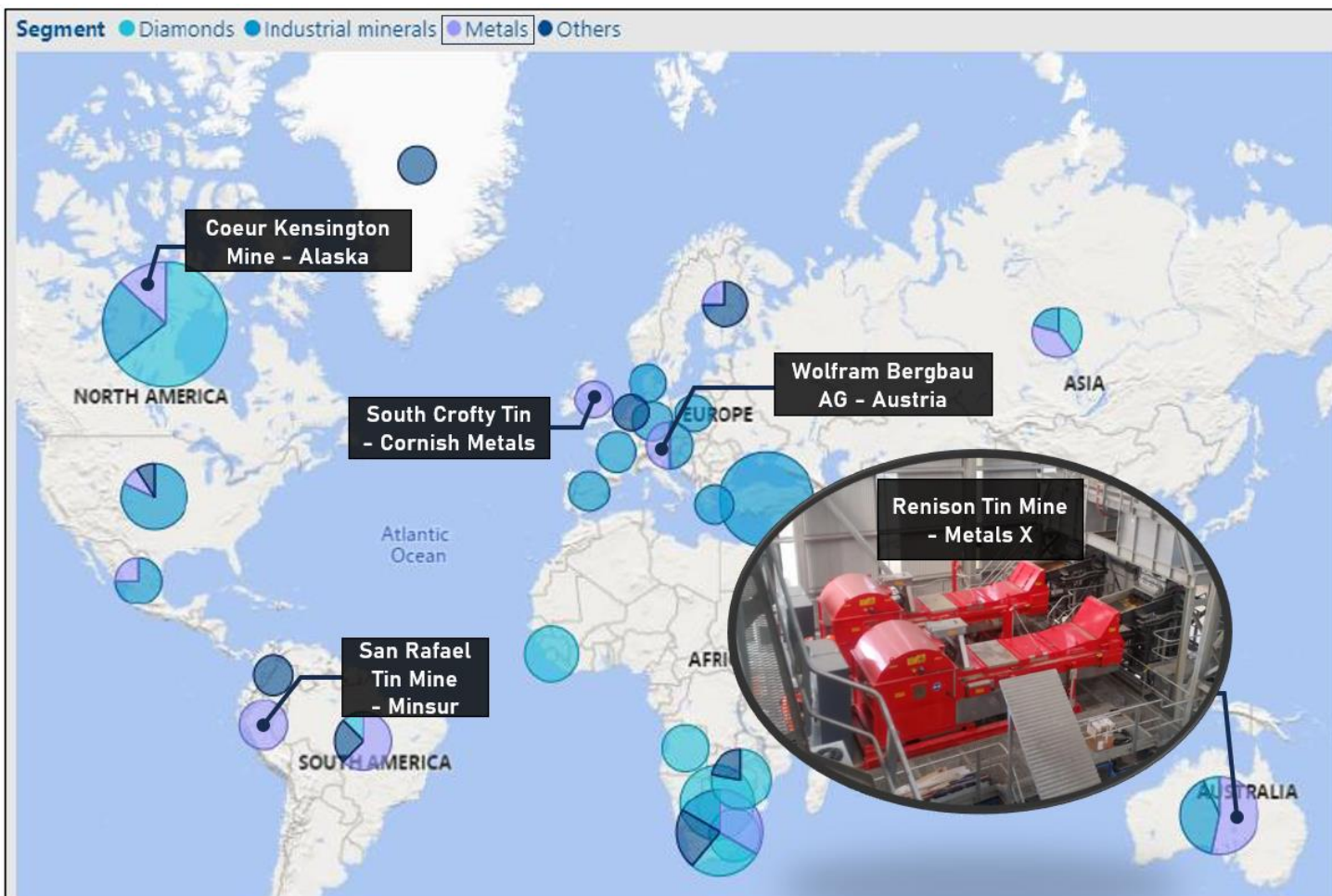
TOMRA – GAME CHANGER

- Tallebung tin deposit is an **ideal** deposit for ore sorting.
- TOMRA Ore Sorting **quintuples grade (+500%)**.
- Resource grade increases from 0.15% Tin x 5 = to over **0.70% Tin** with +98% tin recovery.
- +80% of mined mass rejected upfront.
- Reduced mass means smaller, lower plant costs to produce a saleable tin concentrate.

TOMRA – GAME CHANGER



ASX: SKY TALLEBUNG TIN PROJECT



TOMRA – GLOBAL BUSINESS

- TOMRA has installed **232 ore sorters globally** into mining.
- Renison Tin Mine, Australia's largest operating tin mine, uses TOMRA Ore Sorters.
- TOMRA Ore Sorters commissioned 6 years ago in 2018. Operate 24/7, year-round, sorting 1Mtpa ROM.
- Ore sorting at Renison started with rejecting 10-15%, increasing to ~25% of mass after strong results in first year of operation.
- SKY's TOMRA Ore Sorting substantially reduces Capex and Opex, only 1/5th of mass mined is processed.

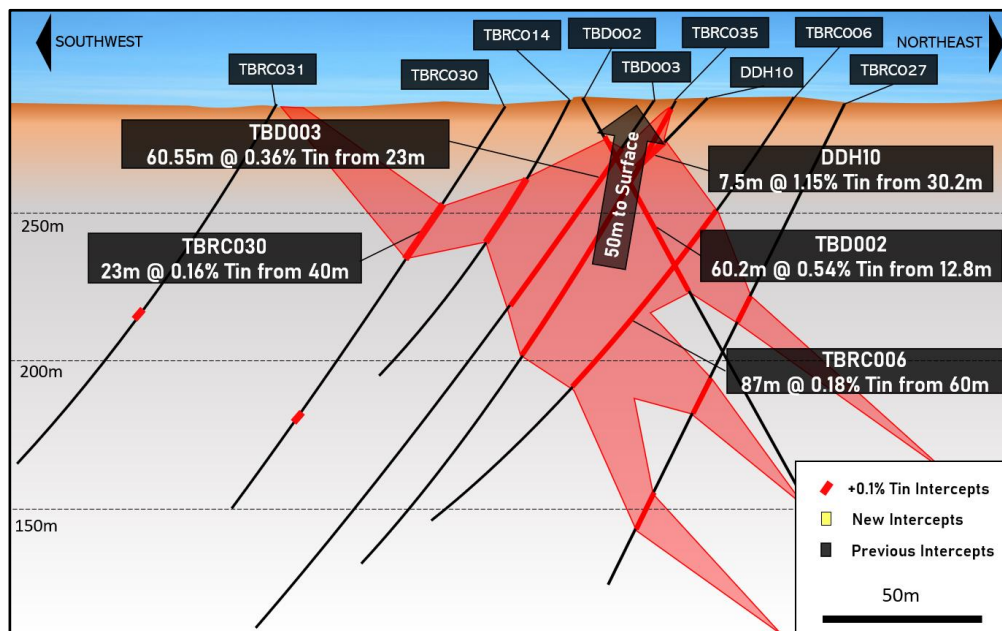
SHALLOW, HIGH-GRADE START UP

- Shallow, at surface high-grade tin zone identified for fast payback potential at commencement of mining.

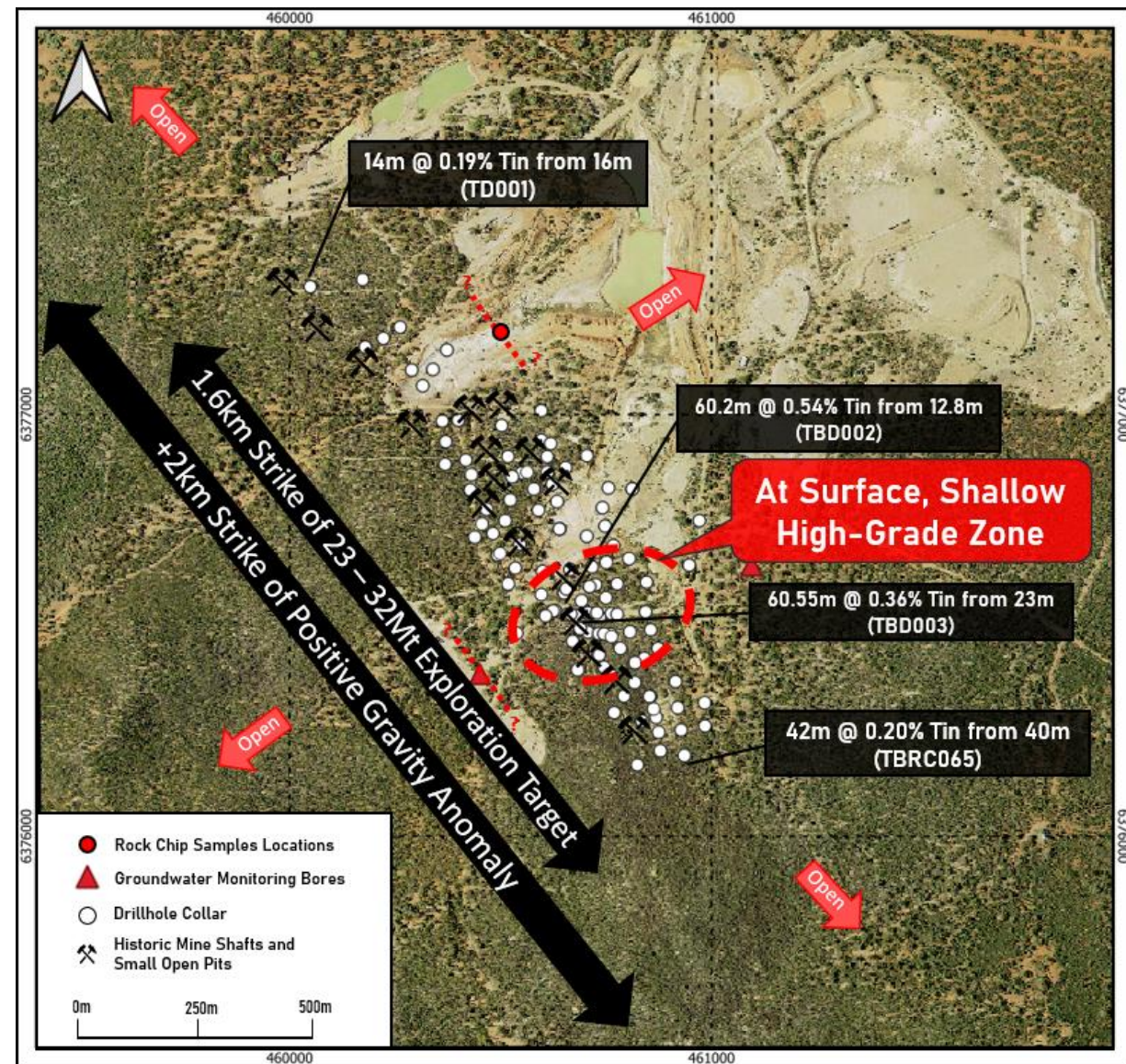
- Results within the high-grade zone include:

TBD002: 60.2m @ 0.54% Tin from 12.8m.

TBD003: 60.55m @ 0.36% Tin from 23m.



Schematic Cross-Section of Shallow High-Grade Zone



Plan View Aerial Image of the Tallebung Project

LARGE TIN SYSTEM EXPANDING

- Resource expansion drilling program has commenced.
- Multiple areas show strong tin **beyond the already large 23-32Mt Exploration Target**.
- Rock chips average over 2.10% in and untested historic working almost **double the width of tin mineralisation** in the north of the deposit.
- Recent water bore drillhole has intercepted strong tin over 150m from any previous drilling and almost **double the potential width of the deposit** in the south.
- **Deposit remains open in all directions.**
- Strong tin rock chips, drill intercepts and intensive historic workings over **broad zones remain untested.**



Undrilled quartz vein averaging 2.10% tin with visible coarse cassiterite-tin mineralisation at the Tallebung Project.

LOW-RISK PATHWAY SET TO ADD VALUE QUICKLY

Drilling underway to convert 23-32Mt Exploration Target to build the MRE into a 'critical mass'

MRE growth to 'critical mass' is the final remaining step before releasing mining studies

Mining environmental approvals process has commenced with background studies and ground-water monitoring bores installed



Drone over the Tallebung Tin Mining Field – Old Crusher and ROM to Southern Open Pit



S K Y M E T A L S

BUILDING AUSTRALIA'S FUTURE TIN PRODUCTION



ASX: SKY NARRIAH PROJECT



NARRIAH PROJECT – TIN-TUNGSTEN-LITHIUM

- Six major historic workings discovered at surface, however, most of the area is undercover.
- Six diamond drillholes completed to test the tin and tungsten at depth.
- Strong tin and tungsten intercepted in all holes.
- Drilling indicates **best areas for large-scale, high-grade tin and tungsten are untested.**
- Further work planned to discover potential large-scale tin systems.



NARRIAH PROJECT – UNDERCOVER & UNDER-EXPLORED

