

ASX Release

27 March 2025

\$3.0m Placement to Rapidly Advance Shallow Gold Targets

Highlights

- Strong demand for a share placement to raise \$3.0m to existing shareholders, institutional and sophisticated investors.
- Lion Selection Group Ltd have increased their stake to emerge as a substantial shareholder with a 7.0% shareholding.
- Funds raised will be applied to rapidly advance drilling of shallow oxide gold Resources and targets and to progress mining studies at the Ravenswood Consolidated Project which hosts a Resource of 6.99Mt @ 4.0g/t AuEq for 904,000Koz AuEq.

Sunshine Metals Limited (ASX:SHN, "Sunshine") has secured commitments for a placement of \$3.0m (before costs) at an issue price of \$0.006 to accelerate mining studies and drilling at four key shallow oxide gold targets at the Ravenswood Consolidated Project.

Sunshine Managing Director, Dr Damien Keys, commented "We are grateful for the strong support on this placement and would like to thank our shareholders, new and existing. The funds raised will be applied on accelerating drilling, metallurgical test work and mining studies, on the shallow oxide gold Resources at Liontown and Plateau, and advanced targets at Tigertown and Coronation.

We have pending results from our recent drilling at Tigertown, and upcoming drilling scheduled at Coronation, Liontown and Plateau, all making for a dynamic period ahead."

Placement Details

The Company has secured commitments for a placement of \$3.0m (before costs) at an issue price of \$0.006 to institutional and sophisticated investors to be undertaken in two tranches ("Placement"). Participants will receive one (1) free attaching unlisted option for every three (3) new shares allocated in the Placement, exercisable at \$0.015 expiring 2 years from date of issue ("Placement Options").

Sunshine expects to complete Tranche 1 of the placement and issue the Tranche 1 shares on or about 3 April 2024. The settlement and issue of the Tranche 2 shares and Placement Options is expected on or about 21 May 2024.

The issue of the new shares pursuant to the Placement will be made under the Company's existing placement capacity whereby 157,094,946 shares will be issued under Listing Rule 7.1A and 239,571,721 shares will be issued under Listing Rule 7.1.

Directors applied for \$120,000, subject to shareholder approval, bring their total investment in the Company to \$3.5m.



Canaccord Genuity (Australia) Limited acted as the sole lead manager for the Placement and will, subject to shareholder approval, receive 10 million Broker Options exercisable at \$0.009 expiring 2 years from date of issue.

Shareholder approval will be sought on or about 20 May 2025 to approve the issue of 103,333,333 shares to investors and directors and for the issue of the Placement Options and Broker Options.

Indicative Timetable

Event	Date
ASX announcement / Resume trading	Thursday, 27 March 2025
Settlement of new shares under the Placement	Wednesday, 2 April 2025
ASX quotation of new shares under the Placement	Thursday, 3 April 2025
Shareholder approval for Tranche 2 shares, director	Tuesday, 20 May 2025
shares, Placement Options and Broker Options	
Issue of Tranche 2 shares, director shares,	Wednesday, 21 May 2025
Placement Options and Broker Options	

Capital Structure

Post-Placement and shareholder approval of the Tranche 2 shares, director shares, Placement Options and Broker Options, the capital structure will be as follows:

Quoted Securities	
Fully Paid Ordinary Shares	2,087,644,808
Unquoted Securities	
Option @ \$0.03 expiring 30/09/2025	288,240,611
Option @ \$0.03 expiring 02/11/2025	1,000,000
Option @ \$0.021 expiring 27/11/2026	15,000,000
Option @ \$0.0225 expiring 30/06/2027	25,733,334
Option @ \$0.0225 expiring 07/07/2027	20,000,000
Option @ \$0.015 expiring 2 years from date of issue	166,666,667
Option @ \$0.009 expiring 2 years from date of issue	10,000,000

Gold oxide focus

Sunshine's strategy is to identify shallow (<50m), oxide gold resources for processing at potential, nearby toll treating mills during a time of high gold prices. In this regard, Sunshine is targeting the following: Tigertown, Coronation, Liontown, and Plateau. Sunshine aims to rapidly evaluate the commercial potential of these assets.

Liontown is the most advanced of the shallow Au targets with an Inferred Resource of 21koz Au @ 1.8g/t Au¹ in oxide and transitional zones. The bulk of this Resource is located on a mining lease. Drilling for metallurgical samples is to be completed in April 2025, with the objective of upgrading the Inferred Resource to an Indicated Resource. Following the upgrade, mining studies will be initiated.

Plateau represents an advanced target with an Inferred Resource totalling 49koz Au at 2.0 g/t Au². To advance the Resource classification, ~1,000m of drilling and metallurgical testing are required. These

¹ Refer to SHN ASX Release dated 11 December 2024 "904Koz AuEq Resource at Ravenswood Consolidated"

² Refer to SHN ASX release, 20 January 2023 "Consolidation of High-Grade Advanced Au Prospects, RW"



activities are expected to commence in May 2025. Sunshine is earning into the Plateau Resource through a Farm-In agreement with Rockfire Resources³.

Both Tigertown and Coronation are advanced exploration targets, with the initial drilling programs designed to quickly assess shallow Au potential. Positive exploration results will be followed by additional drilling and preliminary metallurgical studies.



Figure 1: Ravenswood Consolidated Project is near infrastructure and the mining hub of Charters Towers in Queensland. Two potential toll treating mills are nearby at Black Jack and Pajingo. Coronation is located ~28km south of Charters Towers.

Planned activities

The Company has a busy period ahead including the following key activities and milestones:

- April 2025: Drilling results Tigertown
- April 2025: Liontown drilling and metallurgical test work commences
- April 2025: Gold Coast Gold Conference (postponed)
- April-May 2025: Drilling results Coronation
- May 2025: Plateau drilling and metallurgical test work commences
- May-June 2025: Mining studies and approvals to commence

³ Refer to SHN ASX release, 20 January 2023 "Consolidation of High-Grade Advanced Au Prospects, RW"



Sunshine's Board has authorised the release of this announcement to the market.

For more information, please contact:

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Mr Shaun Menezes Company Secretary Phone +61 8 6245 9828 smenezes@shnmetals.com.au

Competent Person's Statement

The information in this report that relates to Exploration Results is based on, and fairly represents, information compiled by *Mr* Matt Price, a Competent Person who is a Member of the Australian Institute of Geoscientists (AIG) and the Australian Institute of Mining and Metallurgy (AusIMM). *Mr* Price has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. *Mr* Price consents to the inclusion in the 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 Mineral Resources at Liontown is based on information compiled and reviewed by Mr Chris Grove who is a Member of the Australian Institute of Mining and Metallurgy (AusIMM) and is a Principal Geologist employed by Measured Group Pty Ltd. Mr Grove has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Mineral Resources. Mr Grove consents to the inclusion in the 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 Mineral Resources is based on information compiled and reviewed by Dr Damien Keys, who is a Member of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists (AIG). Dr Keys has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Mineral Resources. Dr Keys consents to the inclusion in the 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 Mineral Resources at Waterloo and Orient is based on information compiled and reviewed by Mr Stuart Hutchin, who is a Member of the Australian Institute of Geoscientists (AIG) and is a Principal Geologist employed by Mining One Pty Ltd. Mr Stuart Hutchin has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Mineral Resources. Mr Stuart Hutchin consents to the inclusion in the 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 Mineral Resources at Liontown East is based on information compiled and reviewed by Mr Peter Carolan, who is a Member of the Australasian Institute of Mining and Metallurgy and was a Principal Geologist employed by Red River Resources Ltd. Mr Peter Carolan has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Mineral Resources. Mr Peter Carolan consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



About Sunshine Metals

Big System Potential.

Ravenswood Consolidated Project (Zn-Cu-Pb-Au-Ag-Mo): Located in the Charters Towers-Ravenswood district which has produced over 20Moz Au and 14mt of VMS Zn-Cu-Pb-Au ore. The project comprises:

- The newly interpreted Liontown Dome, hosting multiple gold and base metal prospects;
- a Zn-Cu-Pb-Au VMS Resource of 7.0mt @ 4.0g/t Au (904koz AuEq) or 11.1% ZnEq (42% Indicated, 58% Inferred⁴);
- 26 drill ready VMS Zn-Cu-Pb-Au IP geophysical targets where testing of a similar target has already led to the Liontown East discovery (1.47mt @ 11.0% ZnEq, 100% Inferred¹);
- the under-drilled Liontown Au-rich footwall with significant intersections including:
 - o 20.0m @ 18.2g/t Au (109m, 24LTRC005)
 - o 17.0m @ 22.1g/t Au (67m, 23LTRC002)
 - o 8.0m @ 11.7g/t Au & 0.9% Cu (115m, LLRC184)
 - o 8.1m @ 10.7g/t Au (154m, LTDD22055)
 - o 16.2m @ 4.54g/t Au, 1.11% Cu (from 319m, 24LTDD024)
 - o 5.0m @ 27.9g/t Au, 1.7% Cu (20m, LRC018)
 - o 2.0m @ 68.6g/t Au (24m, LRC0043)
- advanced Au-Cu VMS targets at Coronation and Highway East, analogous to the nearby Highway-Reward Mine (3.9mt @ 5.3% Cu & 1.1g/t Au mined);
- overlooked orogenic, epithermal and intrusion related Au potential with numerous historic gold workings and drill ready targets; and

**Investigator Project (Cu):* Located 100km north of the Mt Isa, home to rich copper-lead-zinc mines that have been worked for almost a century. Investigator is hosted in the same stratigraphy and similar fault architecture as the Capricorn Copper Mine, located 12km north.

**Hodgkinson Project (Au-W):* Located between the Palmer River alluvial gold field (1.35 Moz Au) and the historic Hodgkinson gold field (0.3 Moz Au) and incorporates the Elephant Creek Gold, Peninsula Gold-Copper and Campbell Creek Gold prospects.

*A number of parties have expressed interest in our other quality projects (Investigator Cu and Hodgkinson Au-W). These projects will be divested in an orderly manner in due course.

⁴ This announcement contains references to exploration results and estimates of mineral resources that were first reported in Sunshine's ASX announcement dated 11 December 2024. Sunshine confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement. In relation to estimates of mineral resources, Sunshine confirms that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. Metal equivalent calculation on next page.



Recoverable Gold & Zinc Equivalent calculations

The gold and zinc equivalent grades for Greater Liontown (g/t AuEq, % ZnEq) are based on the following prices: US\$2,900t Zn, US\$9,500t Cu, US\$2,000t Pb, US\$2,500oz Au, US\$30oz Ag.

Metallurgical metal recoveries are broken into two domains: copper-gold dominant and zinc dominant. Each domain and associated recoveries are supported by metallurgical test work and are: <u>Copper-gold dominant</u> – 92.3% Cu, 86.0% Au, <u>Zinc dominant</u> 88.8% Zn, 80% Cu, 70% Pb, 65% Au, 65% Ag.

The AuEq calculation is as follows: $AuEq = (Zn \text{ grade} * Zn \text{ recovery } (Zn \text{ price } 1 \circ 0.01/ (Au \text{ price } 2/31.103))) + (Cu \text{ grade } * Cu \text{ recovery } * (Cu \text{ price } 1/4/ (Au \text{ price } 2/31.103))) + (Pb \text{ grade } * Pb \text{ recovery } * (Pb \text{ price } 1/4/ (Au \text{ price } 2/31.103))) + (Au \text{ grade } 2/31.103))) + (Au \text{ grade } 1/31.103 * Au \text{ recovery } * (Au \text{ price } 1/31.103))))$

The ZnEq calculation is as follows: ZnEq = (Zn grade% * Zn recovery) + (Cu grade% * Cu recovery% * (Cu price /t/ Zn price /t * 0.01))) + (Pb grade% * Pb recovery% * (Pb price /t/ Zn price /t * 0.01)) + (Au grade g/t / 31.103 * Au recovery% * ((Au price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /oz / 31.103) / Zn price /t * 0.01))) + (Ag grade g/t / 31.103 * Ag recovery% * ((Ag price /z) + (Ag price /z) + (Ag

For Waterloo transition material, recoveries of 76% Zn, 58% Cu and 0% Pb have been substituted into the ZnEq formula. For Liontown oxide material, recoveries of 44% Zn, 40% Cu and 35% Pb have been substituted into the ZnEq formula. Further metallurgical test work is required on the Liontown oxide domain. It is the opinion of Sunshine and the Competent Person that the metals included in the ZnEq formula have reasonable potential to be recovered and sold.

The Ravenswood Consolidated VMS Resource is comprised of 7.0mt @ 1.3g/t Au, 0.9% Cu, 5.5% Zn, 1.7% Pb and 31g/t Ag (11.1% ZnEq). For further details refer to SHN ASX Release, 11 December 2024, "904koz AuEq Resource at Ravenswood Consolidated".



Sunshine Metals Mineral Resources

Prospect	Lease Status	Resource Class	Tonnage (kt)	Gold (g/t)	Copper (%)	Zinc (%)	Silver (g/t)	Lead (%)	Zinc Eq. (%)	Gold Eq (g/t)	Gold Eq	Contained Gold (oz)	Contained Copper (t)	Contained Zinc (t)	Contained Silver (oz)	Contained Lead (t)
											(oz)					
Liontown Oxide	ML/MLA	Inferred	133	1.9	0.7	0.7	24	2.3	5.7	2.1	8,742	8,017	902	981	100,595	3,011
Liontown Transitional	ML/MLA	Inferred	228	1.8	0.9	2.7	28	2.7	6.9	2.5	18,071	13,096	2,048	6,076	206,096	6,076
	ML/MLA	Total	360	1.8	0.8	2.0	26	2.5	6.4	2.3	26,813	21,113	2,950	7,057	306,691	9,087
Liontown Fresh	ML/MLA	Indicated	2,191	1.5	0.6	5.0	37	1.8	10.5	3.8	266,288	102,148	13,366	108,680	2,581,165	38,564
	ML/MLA	Inferred	1,929	1.9	1.2	2.3	15	0.7	9.8	3.5	218,304	117,835	22,762	44,752	940,196	12,924
		Total	4,120	1.7	0.9	3.7	27	1.2	10.1	3.7	484,592	219,982	36,128	153,433	3,521,361	51,488
Liontown East	ML/MLA	Inferred	1,462	0.7	0.5	7.4	29	2.5	11.1	4.0	188,266	34,162	7,136	108,936	1,375,350	37,081
		Total	1,462	0.7	0.5	7.4	29	2.5	11.1	4.0	188,266	34,162	7,136	108,936	1,375,350	37,081
Waterloo	ML/MLA	Indicated	406	1.4	2.6	13.2	67	2.1	23.2	8.4	109,379	17,883	10,612	53,633	876,881	8,503
	ML/MLA	Inferred	284	0.4	0.7	6.6	33	0.7	9.0	3.3	29,747	3,642	2,095	18,651	301,215	2,109
		Total	690	1.0	1.8	10.5	53	1.5	17.4	6.3	139,127	21,525	12,707	72,284	1,178,095	10,613
Orient .	EPM	Indicated	331	0.2	1.1	10.9	55	2.5	15.2	5.5	58,191	2,152	3,537	36,030	584,686	8,271
	EPM	Inferred	33	0.2	0.9	14.2	50	2.2	17.5	6.3	6,582	234	298	4,642	52,779	717
		Total	363	0.2	1.1	11.2	55	2.5	15.4	5.5	64,773	2,386	3,836	40,672	637,464	8,988
Total VMS Resource			6,996	1.3	0.9	5.5	31	1.7	11.1	4.0	903,571	299,168	62,756	382,382	7,018,963	117,256
Plateau#	EPM	Inferred	961	1.7	-		10.7	-				49,960	-	-	329,435	-
Global Resource			7,957							3.7		349,128	62,756	382,382	7,348,398	117,256

SHN earning 75% equity in Lighthouse Farm-In tenements. Refer to SHN ASX release, 20 January 2023 "Consolidation of High-Grade Advanced Au Prospects, RW"

The gold and zinc equivalent grades for Greater Liontown (g/t AuEq, % ZnEq) are based on the following prices:

US\$2,900t Zn, US\$9,500t Cu, US\$2,000t Pb, US\$2,500oz Au, US\$30oz Ag. Metallurgical metal recoveries are broken into two domains: copper-gold dominant and zinc dominant. Each domain and associated recoveries are supported by metallurgical test work and are: Copper-gold dominant – 92.3% Cu, 86.0% Au, Zinc dominant 88.8% Zn, 80% Cu, 70% Pb, 65% Au, 65% Ag. The AuEq calculation is as follows: AuEq = (Zn grade% * Zn recovery * (Zn price \$/t * 0.01/ (Au price \$/oz / 31.103))) + (Cu grade % * Cu recovery % * (Cu price \$/t/ (Au price \$/oz / 31.103))) + (Au grade g/t / 31.103 * Au recovery %) + (Ag grade g/t / 31.103 * Ag recovery % * (Cu price \$/oz / 31.103))) + (Au price \$/oz / 31.103))) + (Au grade g/t / 31.103 * Au recovery % * (Cu price \$/t * 0.01))) + (Pb grade % * Cu recovery % * (Cu price \$/t * 0.01))) + (Pb grade % * Cu recovery % * (Cu price \$/t * 0.01))) + (Pb grade % * Direcovery % * (Pb price \$/t / (Au price \$/oz / 31.103))) + (Au grade g/t / 31.103 * Au recovery % * (Cu price \$/t * 0.01))) + (Pb grade % * Pb recovery % * (Pb price \$/t / Zn price \$/t * 0.01))) + (Au grade g/t / 31.103 * Au recovery % * ((Au price \$/oz / 31.103) / Zn price \$/t * 0.01))) + (Au grade g/t / 31.103 * Au recovery % * ((Au price \$/oz / 31.103) / Zn price \$/t * 0.01))) + (Au grade g/t / 31.103 * Ag recovery % * ((Ag price \$/oz / 31.103) / Zn price \$/t * 0.01))) + (Au grade g/t / 31.103 * Ag recovery % * ((Ag price \$/oz / 31.103) / Zn price \$/t * 0.01))) + (Au grade g/t / 31.103 * Ag recovery % * ((Ag price \$/oz / 31.103) / Zn price \$/t * 0.01))) + (Au grade g/t / 31.103 * Ag recovery % * ((Ag price \$/oz / 31.103) / Zn price \$/t * 0.01))) + (Au grade g/t / 31.103 * Ag recovery % * ((Ag price \$/oz / 31.103) / Zn price \$/t * 0.01))) + (Au grade g/t / 31.103 * Ag recovery % * ((Ag price \$/oz / 31.103) / Zn price \$/t * 0.01))) + (Au grade g/t / 31.103 * Ag recovery % * ((Ag price \$/oz / 31.103) / Zn price \$/t * 0.01))). For Waterloo transition material, recoveries of 76% Zn, 58% Cu and 0% Pb have been substituted into the ZnEq formula.

The Ravenswood Consolidated VMS Resource is comprised of 7.0mt @ 1.3g/t Au, 0.9% Cu, 5.5% Zn, 1.7% Pb and 31g/t Ag (11.1% ZnEq). For further details refer to SHN ASX Release, 11 December 2024, "904koz AuEq Resource at Ravenswood Consolidated".