

Solstice Gears Up For 5,000 m RC Drilling Program to Expand Nanadie Copper-Gold Resource, WA

Highlights

- Maiden 5,000m Phase 1 Reverse Circulation (RC) drilling program scheduled to commence this month at Nanadie.
- Drilling of key Mineral Resource Estimate (MRE) expansion targets will aim to increase the size of the current 150m wide and 900m long mineralised system, which is open laterally in multiple directions and at depth.
- The program will also aim to increase drilling density and provide invaluable information in key areas within and below the current block model.
- Nanadie sits within a large, granted Mining Lease and is underpinned by an existing Inferred MRE of 40.4Mt @ 0.4% copper and 0.1g/t gold for 162,000t of contained copper and 130,000oz gold¹.
- Success in this proof-of-concept Phase 1 program will pave the way for systematic MRE expansion drilling, targeting a material increase in size to the current Inferred MRE.
- Future drilling will also test robust step-out geological and IP targets identified in a first-principles geological review completed in recent months.

Solstice Minerals' Chief Executive Officer and Managing Director, Mr Nick Castleden, said:

"Exploration is ramping up at our advanced 100%-owned Nanadie Copper Gold Project in WA, with ground preparations underway ahead of a maiden drilling program scheduled for later this month. Nanadie is a disseminated sulphide style copper-gold system of impressive scale and geometry, that is secured by granted Mining Lease tenure and located in an established West Australian mining environment. In this exciting first drill campaign we will be testing lateral, along strike and down-dip targets that extend well beyond the margins of the current Mineral Resource, as well as increasing drill density in key positions within the system.

"Copper is viewed as having a highly favourable long-term supply-demand outlook, and high-quality copper growth assets in established mining regions, and with limited competing land use, are increasingly rare. We are confident that this already significant deposit can get materially bigger and we look forward to reporting assays over the coming months."

Nanadie Copper-Gold Project Update

Solstice Minerals Limited (ASX: SLS, **Solstice**, the **Company**) is pleased to advise that its maiden 5,000 m Reverse Circulation drilling program is set to begin this month at its advanced 100%-owned **Nanadie Copper-Gold Project**, which sits within 130km² of tenure located 100km NW of Sandstone in Western



Australia (**Figure 1**). The program represents a major step forward in testing compelling, recently identified resource extension targets.

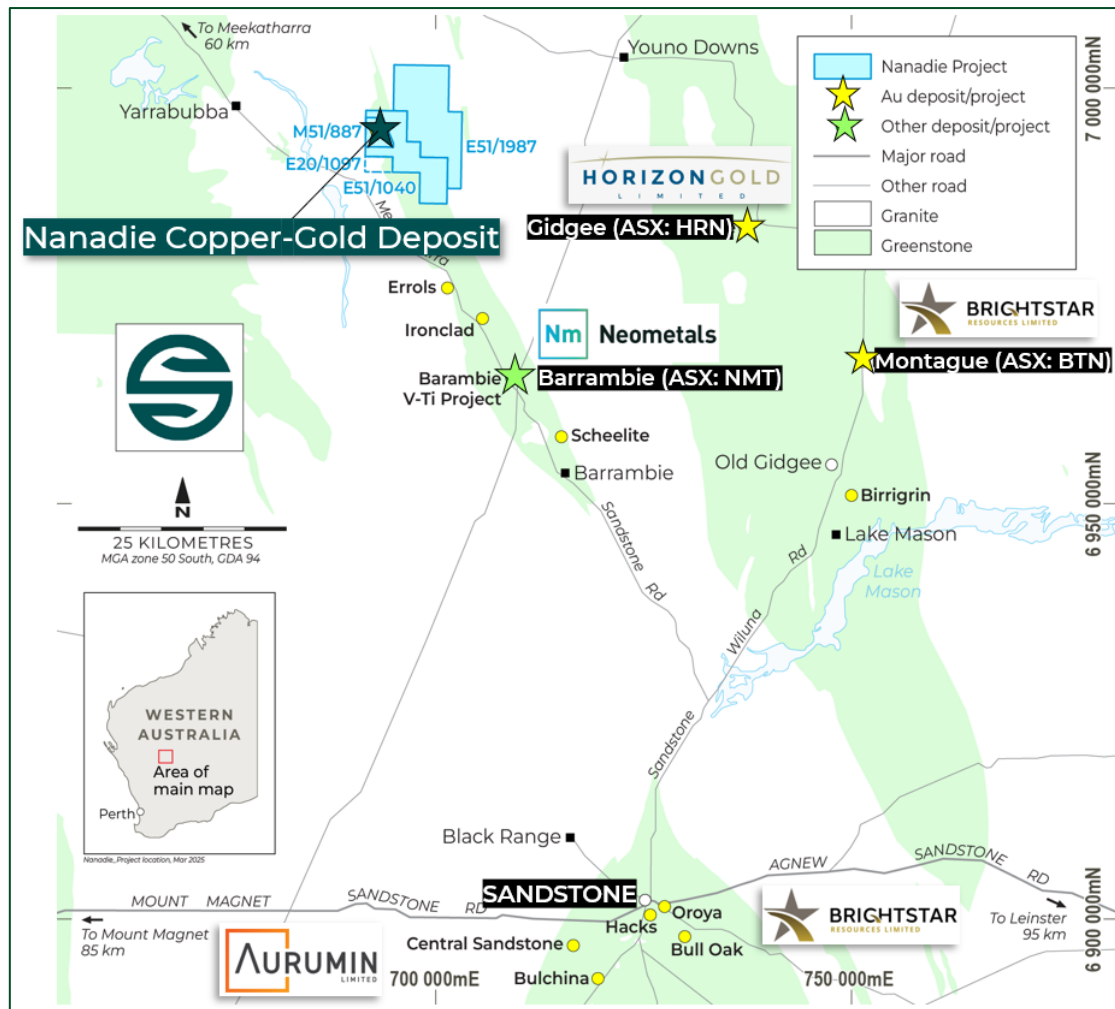


Figure 1: Location of the Nanadie Copper-Gold Project tenements NW of Sandstone WA.

Nanadie is a near-surface body of disseminated and sulphide veinlet style chalcopyrite (+/- pyrrhotite and pyrite) mineralisation up to 150m wide and 900m long that lies below a shallow weathering profile.

Systematic re-logging of historical drill holes by Solstice geologists has established a robust interpretation of the copper-gold mineralisation and host mafic intrusive package, generating an updated structural interpretation which has defined compelling step-out expansion targets beyond the margins of the current MRE (**Figure 2**).

In particular, the south-eastern portion of the deposit (**Figure 3**) remains unconstrained at the margins of drilling information and offers additional potential for fold and/or fault repetitions to extend the host geology eastward.

Drillholes in this portion of the MRE are often mineralised to the end of hole, demonstrating the potential to widen and extend the system. Further opportunity has also been observed toward the northwestern edges of Nanadie, with potential to extend the mineralisation toward the west and downward.

Both of these target areas are supported by IP and magnetic responses, and the entire Nanadie Deposit remains open at depth.



The upcoming Phase 1 drilling program will comprise approximately 18 RC drillholes for 5,000m, with the majority of holes planned on 40m spaced intermediate drill traverses (i.e. between existing higher-density drill lines).

The relationship between the current Nanadie MRE block model and some of the planned drillholes is shown in **Figures 4, 5 and 6**.

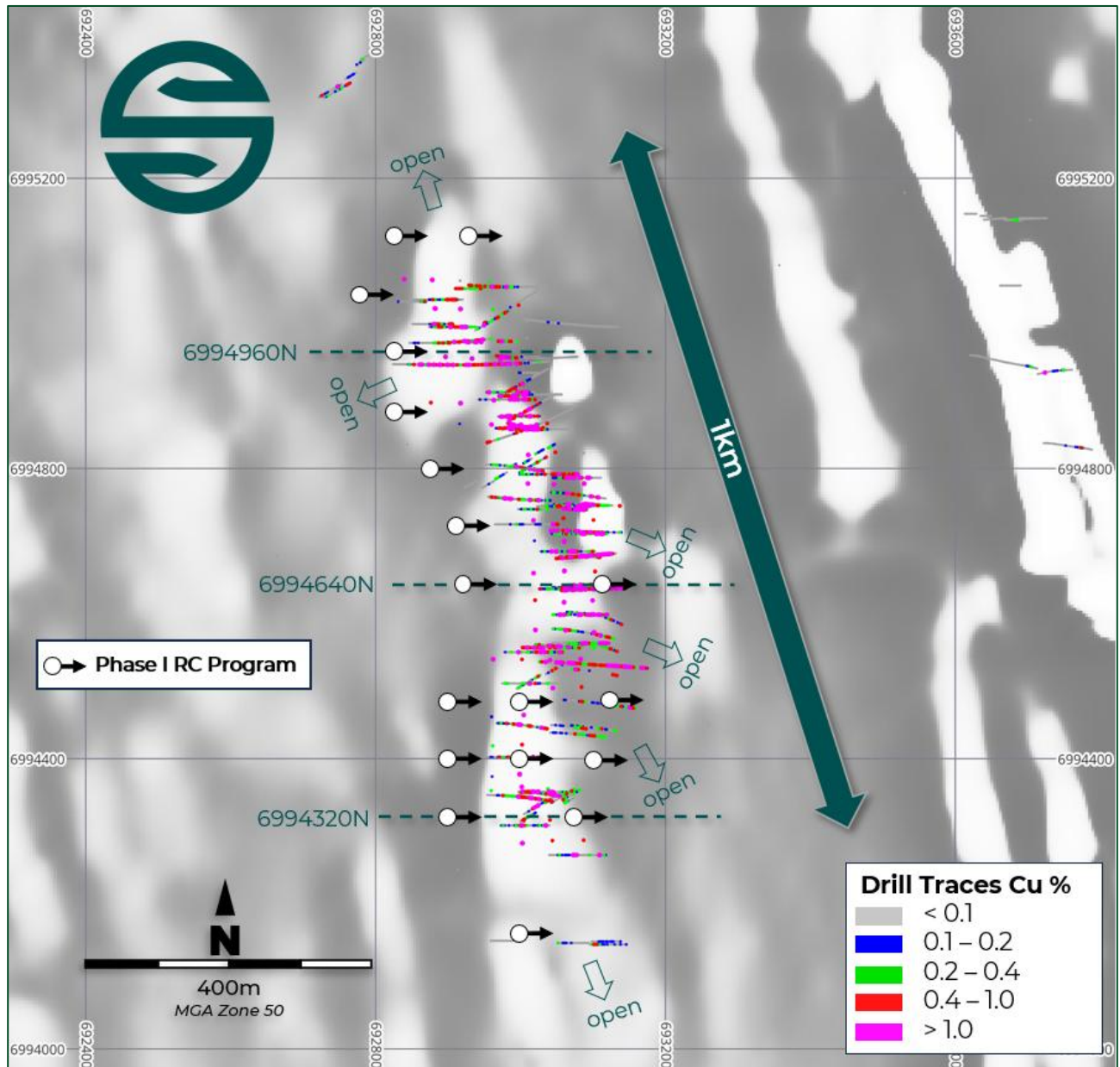


Figure 2. Nanadie Deposit aeromagnetic imagery showing planned Phase 1 RC drill collars and downhole copper values in all previous drilling. Arrows show directions in which the MRE is open laterally and to strike.

Success in this initial proof-of-concept style drilling program will pave the way for systematic MRE expansion drilling, potentially unlocking a material increase in the current Inferred MRE.

Future drilling will also test robust step-out geological targets outlined in a first-principles geological review completed H1 2025, and on-trend IP chargeability anomalies recently outlined to the north and south of current drilling.

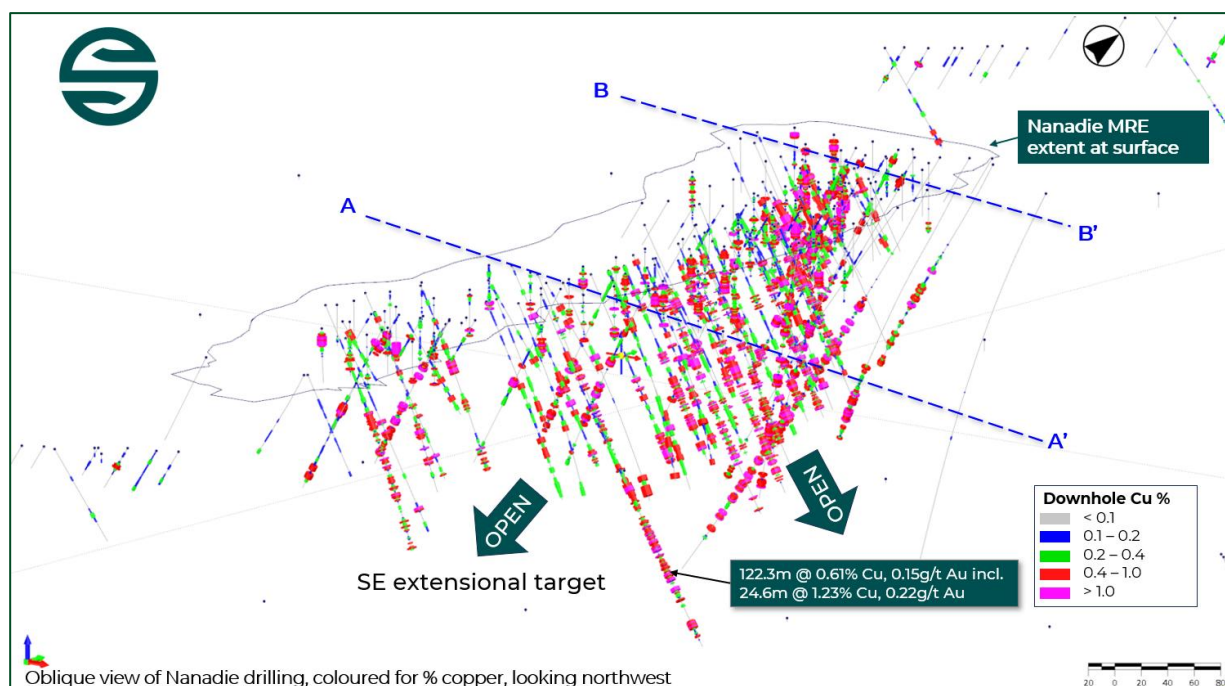


Figure 3. Nanadie Deposit oblique view of all drilling showing downhole copper values¹, and target laterally toward the south-east (arrows). Note the limited number of unmineralised drillholes to constrain the system along strike and at depth.

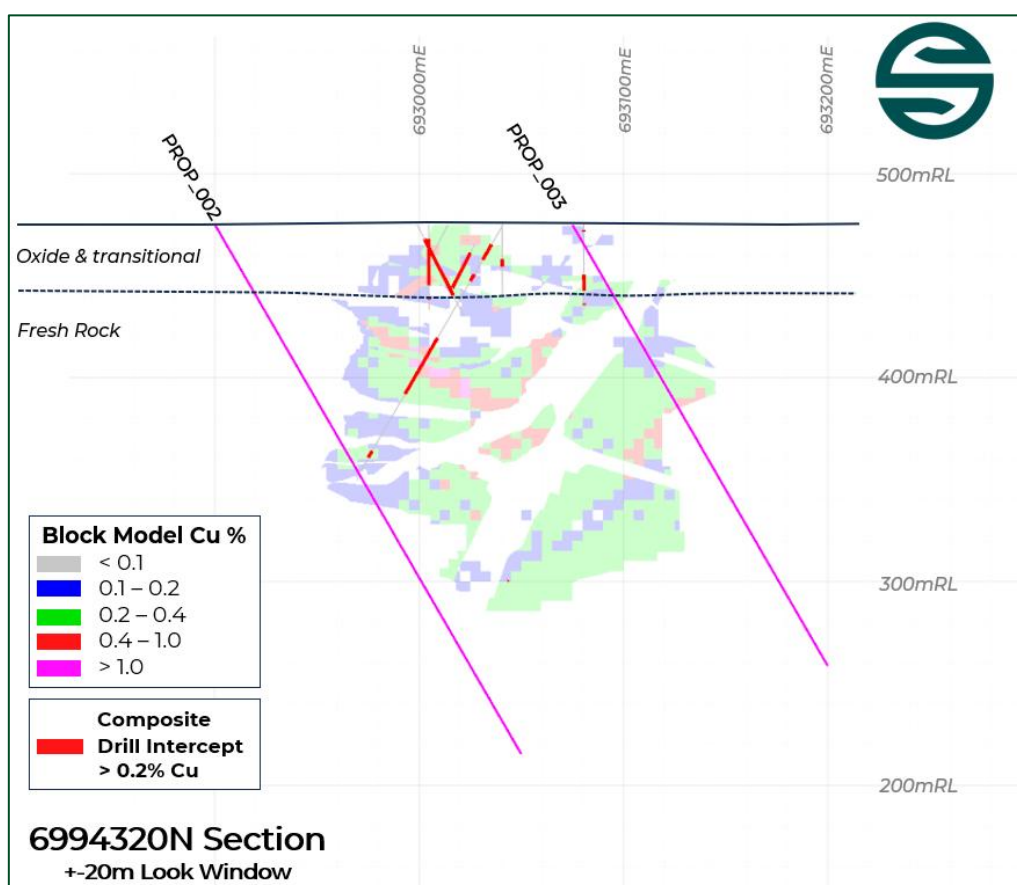


Figure 4. Nanadie Project cross-sections 6994320N showing the 2022 MRE block model and proposed Phase 1 drill traces.

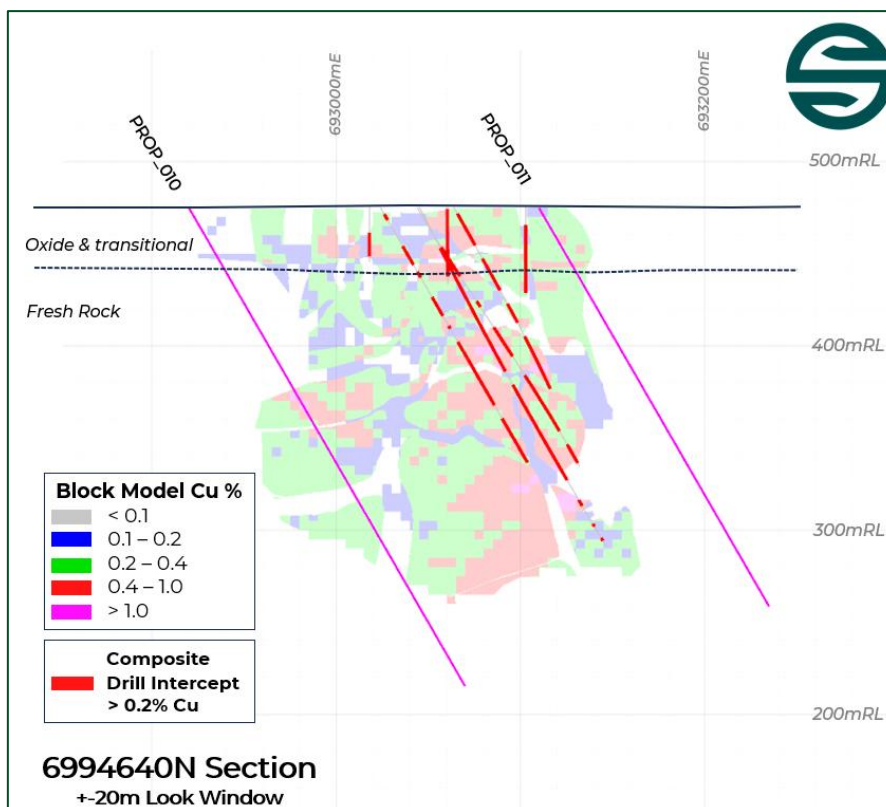


Figure 5. Nanadie Project cross-sections 6994640N showing the 2022 MRE block model and proposed Phase 1 drill traces.

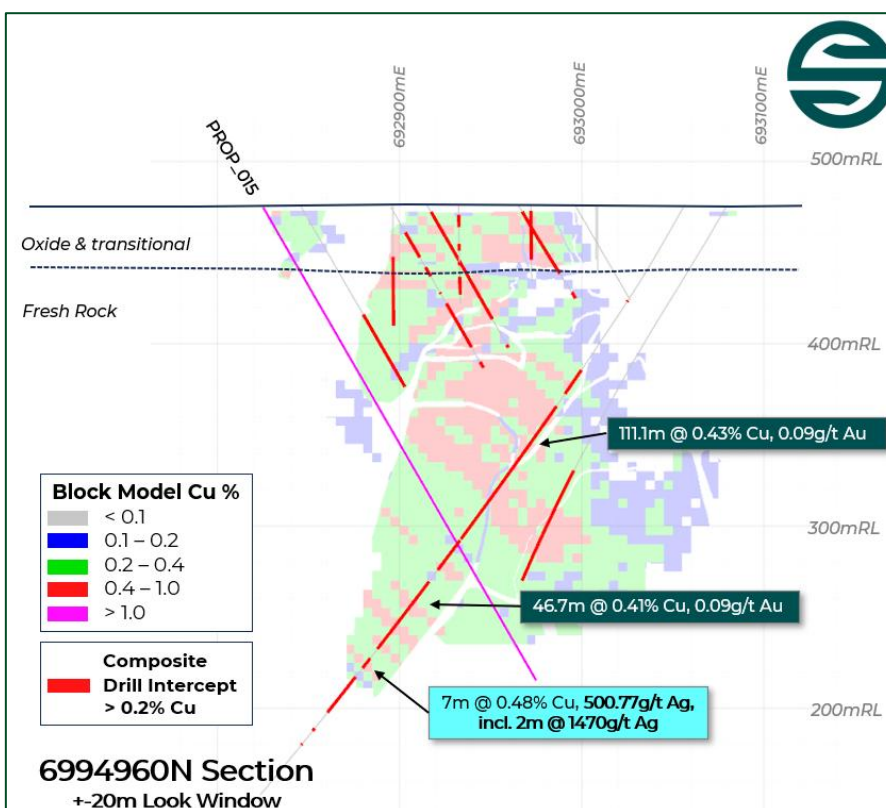


Figure 6. Nanadie Project cross-sections 6994960N showing the 2022 MRE block model, selected intercepts¹ and proposed Phase 1 drill traces.



About Nanadie

Nanadie is situated within a granted Mining Lease approximately 100km northwest of Sandstone (**Figure 3**) and is supported by an existing Inferred MRE of **40.4 million tonnes at 0.4% copper and 0.1g/t gold**, containing **162,000 tonnes of copper** and **130,000 ounces of gold**¹. This represents a substantial base of strategic metals with strong future demand outlooks.

A higher-grade aspect of the deposit is demonstrated by numerous significant historical drill intercepts, including **107.8m at 0.91% Cu and 0.24g/t Au** (NWD2003), **76m at 0.85% Cu and 0.39g/t Au** (NWD2004), **122.3m at 0.61% Cu and 0.15g/t Au** (NWD2101), and **81m at 0.79% Cu and 0.23g/t Au** (NRC05020)¹. These results underscore the deposit's potential to deliver both scale and grade.

Mineralisation as currently defined extends from surface to beyond the current MRE depth of approximately 255m below surface and sits in a broad zone up to 150m wide by 900m long in mafic intrusive rocks.

Approximately 90% of the MRE is fresh rock mineralisation below 40m depth and comprises disseminated and remobilised veinlet style chalcopyrite (+/- pyrite and pyrrhotite) with significant zones of >1% Cu where vein density increases. Increased chalcopyrite veining is typically accompanied by significantly raised gold values. No deleterious sulphide species are present.

Table 1: Nanadie Well 2012 JORC Mineral Resource Estimate¹.

Resource Category	Material Type	Volume	Tonnes	Cu Grade (%)	Cu Metal (t)	Au Grade (g/t)	Au Metal (oz)	Ag Grade (g/t)	Ag Metal (oz)
Inferred	Oxide	1,300,000	3,500,000	0.44	16,000	0.12	13,000	0.70	74,000
	Transitional	200,000	600,000	0.45	3,000	0.12	2,000	1.50	31,000
	Fresh	11,700,000	36,300,000	0.39	143,000	0.10	115,000	1.10	1,259,000
Total		13,200,000	40,400,000	0.4	162,000	0.10	130,000	1.00	1,364,000

Note: Differences in sum totals of tonnages and grades may occur due to rounding cut-off at 0.25% Cu, reported grades and tonnages for all metals are estimated top-cut grades and tonnages.

Other Assets

The Company continues to actively explore for gold on its 1,650km² of exploration landholdings at the **Yarri Project** 150km NE of Kalgoorlie in the Eastern Goldfields (**Figure 7**). This strategic tenement group covers gold endowed regional structures close to existing mining operations, has dedicated haul roads nearby, and ore processing facilities typically within 100km. Solstice is maintaining a high level of field activity, with recent RC drilling success at its advanced **Bluetooth** and **Statesman Well** prospects, and strong fresh rock gold intercepts at the emerging **Edjudina Range** gold discovery. The Company is also testing new soil-covered targets via aircore drilling. In this infrastructure-rich area, even modest scale gold mineralisation has potential to be commercialised, as underscored by the \$10M sale of the Company's Hobbes tenement in 2024.

Financial Capacity

The Company remains in a strong cash position, with **\$15.0M** as of 30 June 2025.



Activity Pipeline & News Flow

The Company anticipates steady activities and news flow through the remainder of 2025:

Projects & Activity Timeline	2025			2026		
	Q2	Q3	Q4	Q1	Q2	Q3
Aircore Edjudina Range & New Targets						
Edjudina Range RC/aircore results						
Statesman Well & Bluetooth RC						
Bluetooth & Statesman RC results						
Nanadie targeting & drill preparation						
Nanadie copper-gold #1 and #2 RC						
Nanadie copper-gold results						
Exploration gold & copper targeting						

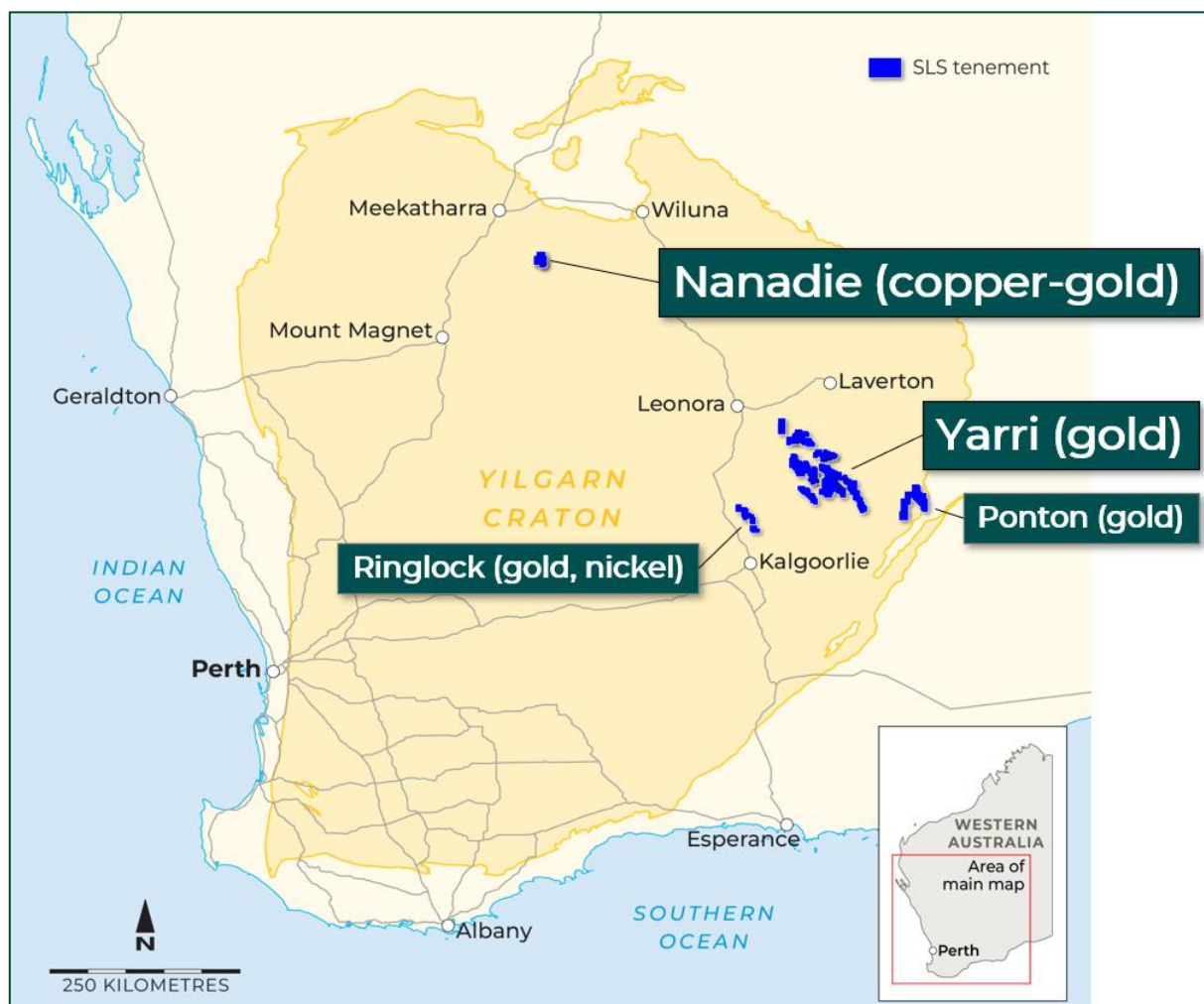


Figure 7: Location of Solstice's West Australian Projects.



References

1. Refer to ASX: SLS 5 February 2025 'Solstice Secures Strategic Copper Exposure'.

All exploration releases are available on the Company's website at:

<https://solsticeminerals.com.au/investor-centre/asx-announcements>.

This announcement has been authorised for release by the Board.

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Compliance Statement - Previously Reported Results

The information in this announcement that relates to previously reported Exploration Results and Estimates of Mineral Resources is extracted from the ASX announcements as noted in the 'References' and referenced in the text (**Original Announcements**). The Company confirms that it is not aware of any new information or data that materially affects the information included in the Original Announcements and, in the case of Estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the Original Announcements continue to apply and have not materially changed. Solstice confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the Original Announcements.