

36m at 1.55g/t Gold in Bluetooth RC Drilling

Highlights

- **Significant shallow gold intercepts returned from composite sampling of recent Reverse Circulation (RC) exploration drilling at the Bluetooth Gold Prospect, part of Solstice's Yarri Gold Project in WA's Eastern Goldfields. Assay results include:**
 - ❖ **36m @ 1.55g/t Au from 20m in BTHRC016**
 - ❖ **16m @ 1.85g/t Au from 44m in BTHRC013**
 - ❖ **12m @ 1.18g/t Au from 68m in BTHRC014**
- **Results are interpreted to be close to true width and define shallowly east-dipping zones of gold mineralisation associated with oxidised chert, ironstone and quartz veining.**
- **Gold assays substantially upgrade and build on the intercepts in limited historical RC drilling at the Prospect, highlighting the potential to delineate valuable near-surface gold mineralisation at this location.**
- **Additional drilling will be designed along the 700m strike length following the receipt of assays from one-metre resampling.**
- **Bluetooth is located close to a haul road in the active and infrastructure-rich Yarri Project area, where Solstice controls over 1,650km² of highly prospective geology.**

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

"We're delighted to get the New Year underway with some excellent RC drill results at Bluetooth, a Prospect that had seen limited previous RC testing, despite strong rock-chip and soil anomalism over deformed and quartz veined cherts and ironstones. The 36m wide intercept in BTHRC016 is easily the best intercept to date at the Prospect and requires further drill testing to test dip and strike continuity. Gold at Bluetooth reports to shallowly dipping zones and fold hinges in the oxidised profile, a setting and geometry that encourages further shallow drilling to assess the potential for commercial near-surface ounces. The team is heading back to the field to collect one-metre confirmation samples, and these results will be used to drive follow-up drilling."

Bluetooth RC Drilling

Solstice Minerals Limited (ASX: SLS, **Solstice**, the **Company**) is pleased to report the results of recent RC drilling at the advanced **Bluetooth Gold Prospect** within the Yarri Gold Project. First-stage RC drilling completed by Solstice late last year **has returned strong gold intercepts** in composite sampling along a 700m strike (**Figure 1**), including a standout intercept of **36m @ 1.55g/t Au** from 20m in BTHRC016 plus **16m @ 1.85g/t Au** from 44m in BTHRC013, **12m @ 1.18g/t Au** from 68m in BTHRC014, **8m @ 1.07g/t Au** from 48m in BTHRC001, **4m @ 1.62g/t Au** from 60m in BTHRC019 and **4m @ 1.34g/t Au** from 28m in BTHRC017.

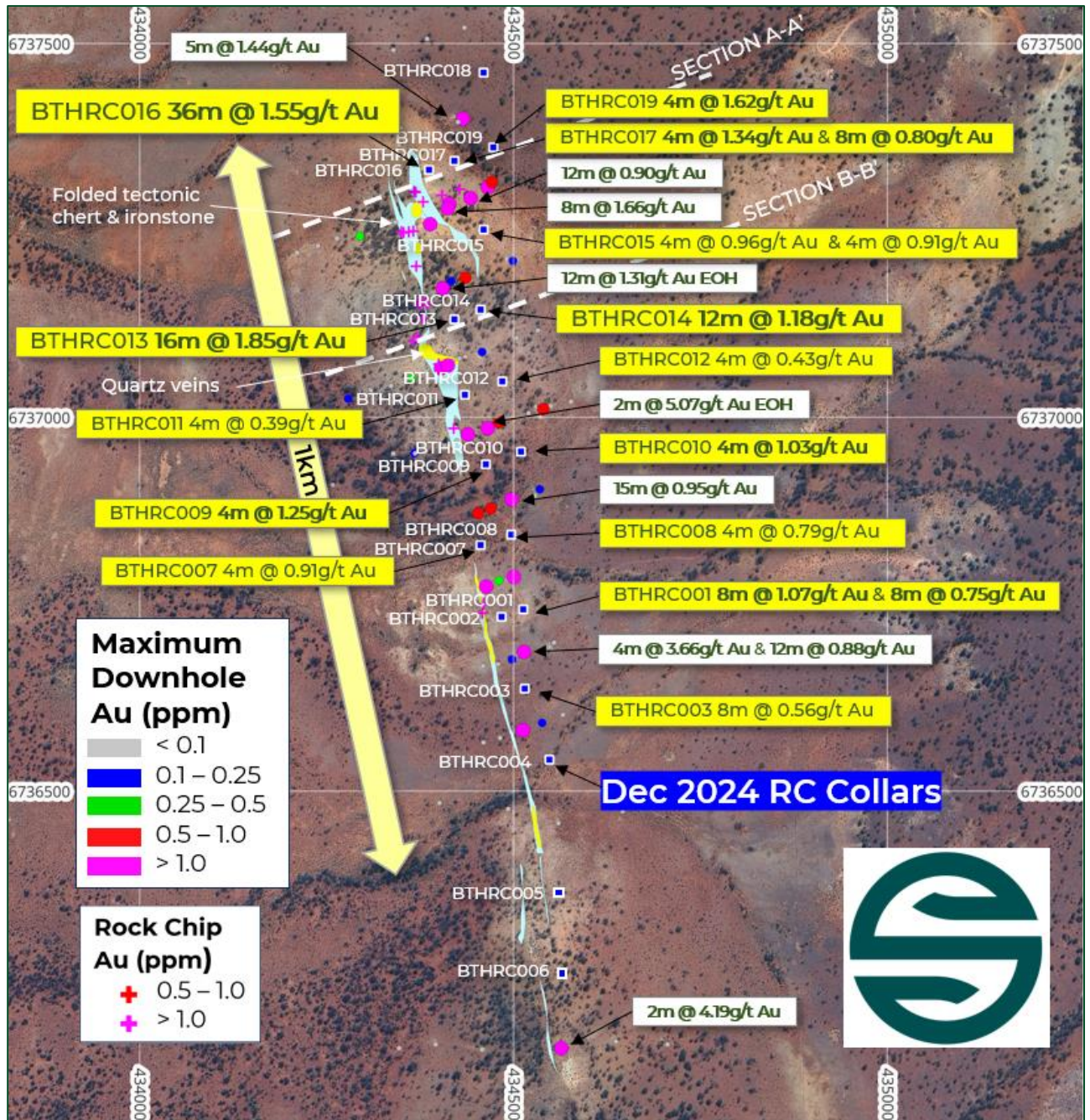


Figure 1: Bluetooth Gold Prospect showing Solstice's December 2024 RC drill collars (labelled blue squares) and significant new gold intercepts (yellow text boxes). Historical drilling (circles) is coloured for peak down-hole gold values with selected results (white text boxes). Background is photo imagery and geological trends with >0.5g/t Au rock-chip locations marked as crosses.

Gold mineralisation reports to gently east-dipping chert, ironstone and quartz veining in the oxidised profile, and confirms and upgrades historical intercepts recorded in shallow drilling at the Prospect, including **12m @ 1.31g/t Au** to end of hole (EOH), **15m @ 0.95g/t Au**, **8m @ 1.66g/t Au** and **2m @ 5.07g/t Au** to EOH (Figure 1)¹.

¹ ASX: SLS 8 October 2024 "Solstice Accelerates Drilling at Yarri Gold Project".



Drilling has confirmed a local north-plunging fold closure at the northern end of the Prospect, with the 36m @ 1.55g/t intercept in BTHRC016 sitting within the interpreted fold hinge (**Figure 2**). This geometry offers strong down-plunge drill targets around this zone, and elsewhere where folding is evident.

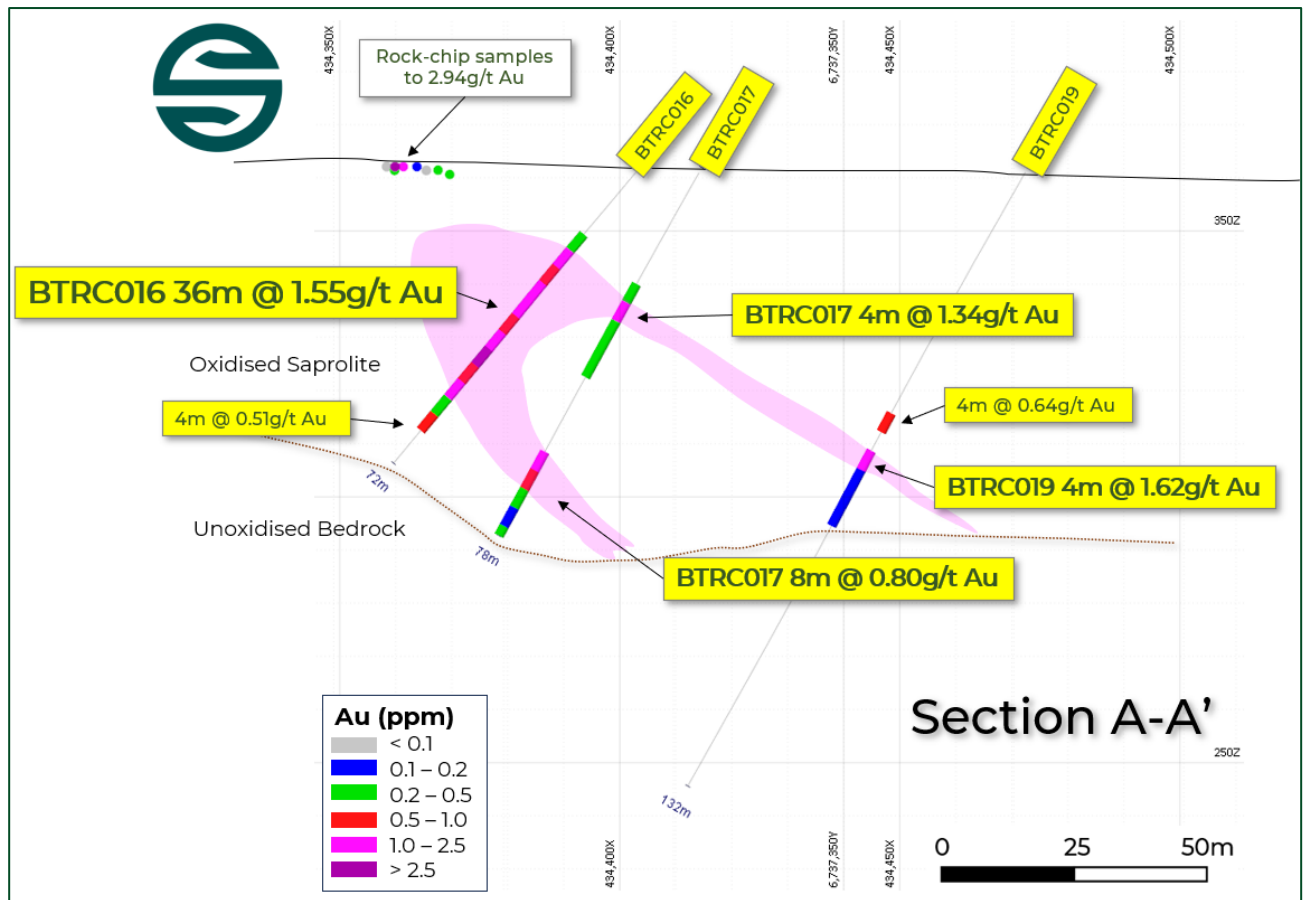


Figure 2: Bluetooth Gold Prospect cross section A-A' (see Figure 1) showing Solstice's December 2024 RC drilling and significant new gold intercepts (yellow text boxes). Rock-chip sampling (circles) is coloured for gold values.

Gold intercepts are interpreted to be close to true width and are often enclosed within wide zones of >0.10g/t Au gold anomalism (**Table 1**). The results also support strong previous rock-chip results² and suggests that the mineralisation may extend upwards to surface (**Figure 3**).

The recent RC program comprised 19 shallow RC holes for 1,830m in a first-pass pattern covering 900m of strike and was designed to build on historical drill intercepts. All collar locations are shown in Figure 1, and drillhole details and significant gold results from the current program are shown in Table 1.

Field teams will head back to site in coming days to collect one-metre samples, with the results of this work expected to guide the next stage of infill and step-out exploration drilling at this location. The outcropping and shallow dipping geometry at Bluetooth encourages further drilling to define near-surface gold mineralisation in this infrastructure-rich part of WA's Eastern Goldfields.

² ASX: SLS 28 April 2022 "Prospectus".

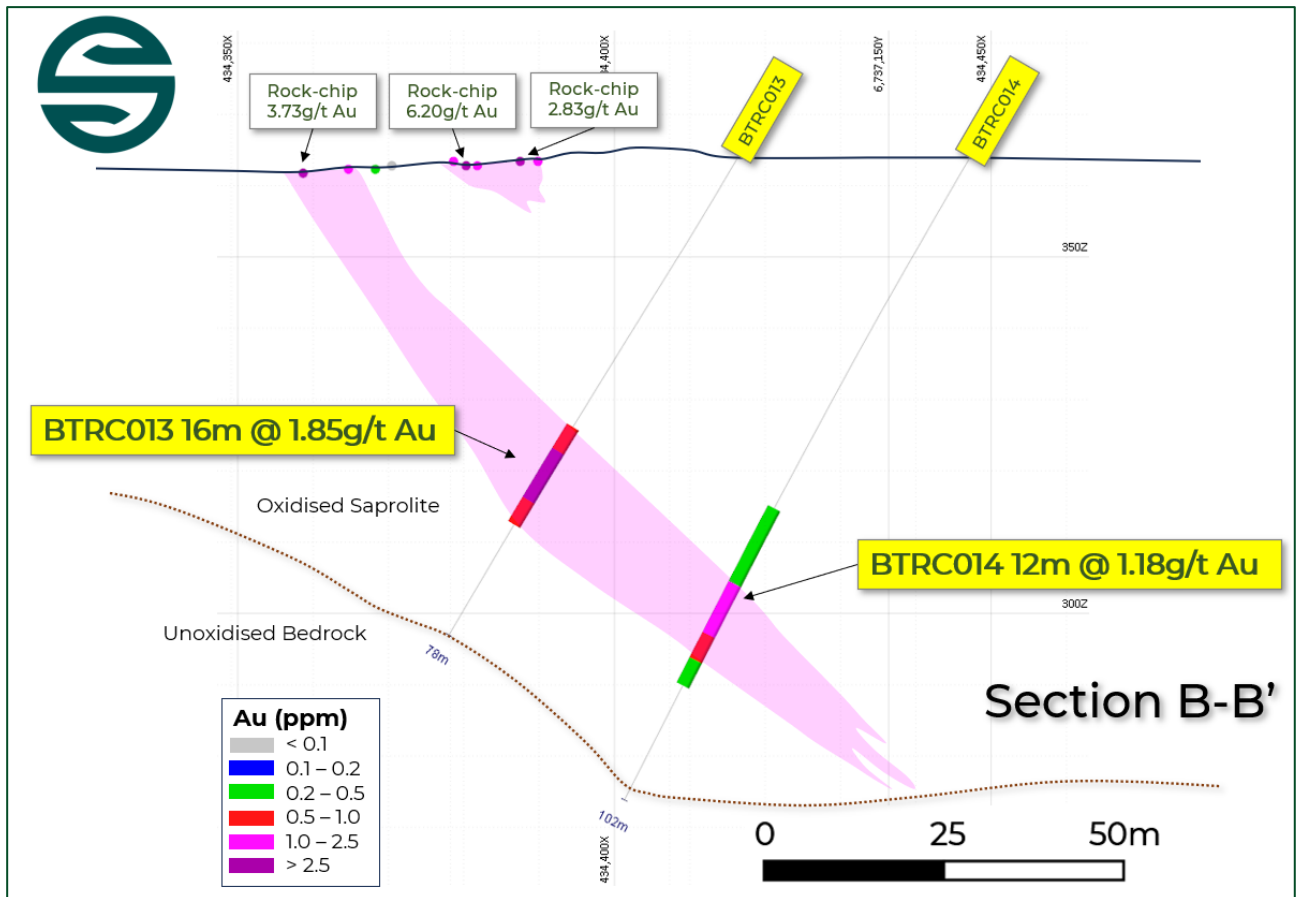


Figure 3: Bluetooth Gold Prospect cross section B-B' (see Figure 1) showing Solstice's December 2024 RC drilling and significant new gold intercepts (yellow text boxes). Rock-chip sampling (circles) is coloured for gold values.

About Bluetooth

Bluetooth is just one of Solstice's advanced gold exploration prospects scheduled for RC drilling during 2025 and is located within the **Box Soak** tenement group in the northeastern part of the Yarri landholdings.

Historical Rotary Air Blast (RAB), aircore and shallow RC drilling at Bluetooth was conducted at a 100m line-spacing, in places with only one effective hole per drill section. Surface gold prospectivity is supported by strong rock-chip and soil sampling gold geochemistry.

The Prospect is located within 9km of haul road infrastructure approximately 35km north of the Porphyry mining centre, and 40km southwest of AngloGold Ashanti's **Sunrise Dam** gold deposit (Figure 4).

Bluetooth sits on a regional mineralised trend with good potential for greenfield gold discovery along strike. Solstice's 2024 reconnaissance aircore drilling outlined an 800m long trend of new gold anomalism³ in the Box Soak area 4km to the north of Bluetooth, and there is active competitor RC and diamond drilling 5km to the north.

³ ASX: SLS 15 July 2024 "New Gold Anomalism at Box Soak Spurs Follow-up Aircore Drilling".



Table 1: Drillhole details and significant gold intercepts* Bluetooth RC drilling December 2024.

Hole ID	Drill Type	Easting	Northing	RL	Dip	Azim	EOH Depth	Intercept	From
BTHRC001	RC	434510	6736742	358	-60	253	138	4m @ 0.85g/t Au	40
							<i>and</i>	8m @ 1.07g/t Au	48
							<i>and</i>	8m @ 0.76g/t Au	68
							<i>in</i>	44m @ 0.52g/t Au	36
BTHRC002	RC	434483	6736733	357	-60	255	54	16m @ 0.21g/t Au	12
BTHRC003	RC	434511	6736635	358	-60	255	114	20m @ 0.14g/t Au	20
							<i>and</i>	4m @ 0.66g/t Au	48
							<i>in</i>	12m @ 0.41g/t Au	48
BTHRC004	RC	434541	6736545	359	-60	251	78	NSR	
BTHRC005	RC	434565	6736368	361	-50	252	102	NSR	
BTHRC006	RC	434576	6736268	365	-52	256	102	NSR	
BTHRC007	RC	434453	6736830	357	-59	256	54	4m @ 0.91g/t Au	12
BTHRC008	RC	434492	6736838	358	-60	254	96	4m @ 0.79g/t Au	44
BTHRC009	RC	434462	6736936	360	-60	256	72	4m @ 1.26g/t Au	36
							<i>in</i>	12m @ 0.63g/t Au	48
BTHRC010	RC	434506	6736955	360	-61	252	120	4m @ 1.03g/t Au	76
BTHRC011	RC	434434	6737032	362	-60	251	60	4m @ 0.40g/t Au	24
BTHRC012	RC	434480	6737049	362	-59	250	114	4m @ 0.43g/t Au	76
BTHRC013	RC	434419	6737135	364	-60	250	78	16m @ 1.85g/t Au	44
BTHRC014	RC	434450	6737145	364	-60	253	102	12m @ 1.18g/t Au	68
							<i>in</i>	28m @ 0.69g/t Au	56
BTHRC015	RC	434452	6737249	363	-60	244	114	4m @ 0.91g/t Au	12
							<i>and</i>	4m @ 0.96g/t Au	88
							<i>in</i>	16m @ 0.44g/t Au	80
BTHRC016	RC	434403	6737339	362	-50	249	72	36m @ 1.55g/t Au	20
							<i>and</i>	4m @ 0.51g/t Au	60
							<i>in</i>	48m @ 1.25g/t Au	16
BTHRC017	RC	434413	6737345	361	-60	249	78	4m @ 1.34g/t Au	28
							<i>in</i>	20m @ 0.55g/t Au	24
							<i>and</i>	8m @ 0.80g/t Au	60
							<i>in</i>	18m @ 0.45g/t Au EOH	60
BTHRC018	RC	434464	6737472	361	-60	252	150	NSR	
BTHRC019	RC	434471	6737365	361	-61	259	132	4m @ 0.64g/t Au	52
							<i>and</i>	4m @ 1.62g/t Au	60
							<i>in</i>	24m @ 0.45g/t Au	52

* Intercepts comprise predominantly 4m composite samples which will now be resampled at 1m intervals. Significant intercepts are reported on the basis of greater than 1g/t gram/metres at a 0.40g/t Au lower-cut and NIL internal dilution. Significant gold anomalism (*in italics*) is reported at greater than 12m width at a 0.10g/t Au lower-cut and a maximum 4m internal dilution.

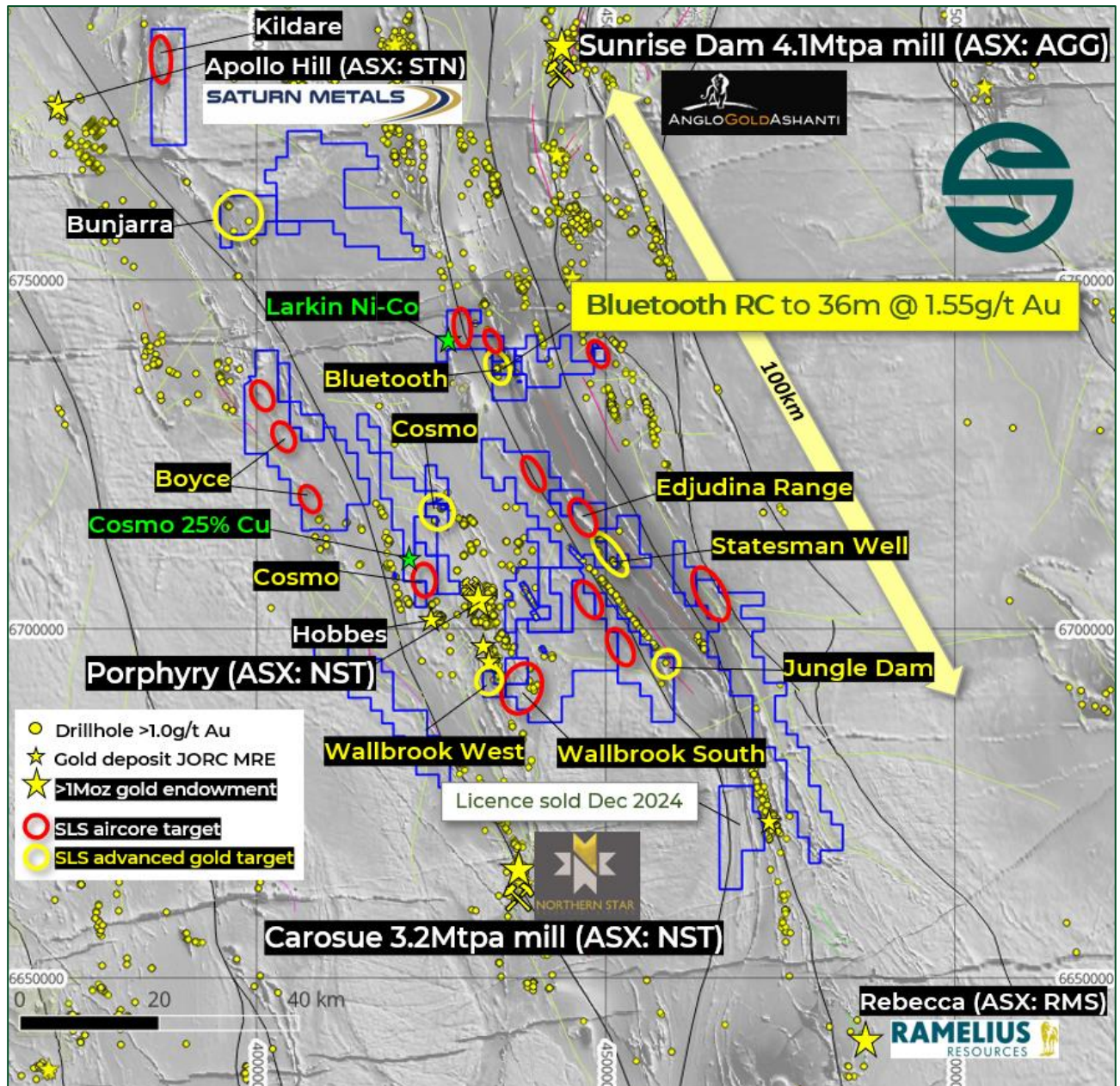


Figure 4: Solstice's Yarri Project tenement group showing the location of the Bluetooth Gold Prospect. The Company's more advanced targets with existing >1g/t Au gold intercepts are shown as yellow circles and greenfield gold targets flagged for first-pass or follow-up aircore drilling are shown as red circles.

About the Yarri Project

The Company's Yarri landholding is close to existing mining operations, with dedicated haul roads and ore processing facilities typically within 50–100km. 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.

The Company continues to work-up further quality greenfield gold targets across its 1,650 square kilometres of tenure (Figure 4), with a focus on testing positions that offer potential for 'stand-alone'



scale. The first-pass aircore drilling campaign is set to continue into 2025 as Exploration Licence applications are granted.

With an extensive belt-scale footprint in WA's Eastern Goldfields, the Company continues to offer strong leverage to gold exploration success.

A robust cash position of \$15.8M as at September 2024⁴ (equivalent to 15.8c per share) provides Solstice with excellent flexibility to expand its asset base beyond its current projects, and the Company continues to review a number of compelling business development opportunities.

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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Forward-Looking Statements

This announcement may contain certain forward-looking statements, guidance, forecasts, estimates, prospects, projections or statements in relation to future matters that may involve risks or uncertainties and may involve significant items of subjective judgement and assumptions of future events that may or may not eventuate (**Forward-Looking Statements**). Forward-Looking Statements can generally be identified by the use of forward-looking words such as "anticipate", "estimates", "will", "should", "could", "may", "expects", "plans", "forecast", "target" or similar expressions and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production and expected costs. Indications of, and guidance on future earnings, cash flows, costs, financial position and performance are also Forward-Looking Statements.

Persons reading this announcement are cautioned that such statements are only predictions, and that actual future results or performance may be materially different. Forward-Looking Statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change, without notice, as are statements about market and industry trends, which are based on interpretation of current market conditions.

⁴ ASX: SLS 21 October 2024 "SLS Quarterly Report 30 Sept 2024".



Forward-Looking Statements are provided as a general guide only and should not be relied on as a guarantee of future performance.

No representation or warranty, express or implied, is made by Solstice that any Forward-Looking Statement will be achieved or proved to be correct. Further, Solstice disclaims any intent or obligation to update or revise any Forward-Looking Statement whether as a result of new information, estimates or options, future events or results or otherwise, unless required to do so by law.

Compliance Statement

The information in this release that relates to Exploration Results is based on and fairly represents information and supporting documentation prepared by Mr Nick Castleden, a competent person who is a Member of the Australian Institute of Geoscientists. Mr Castleden is an employee of Solstice Minerals Limited. Mr Castleden has sufficient experience that is relevant to the style of mineralisation and type of deposits 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 Castleden consents to the inclusion in this release of the new Exploration Results in the form and context in which they appear.

Compliance Statement - Previously Reported Results

The information in this announcement that relates to previously reported Exploration Results is extracted from the ASX announcements (**Original Announcements**) dated 28 April 2022, 15 July 2024 and 8 October 2024. All prior Solstice ASX announcements, Investor Updates, and the Solstice Prospectus dated 14 March 2022 are available to view on the Company's website www.solsticeminerals.com.au.

Solstice confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus and 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 announcement.



Appendix 1: Bluetooth RC Drilling – Table 1 (JORC Code, 2012)

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i>	<p>Solstice Drilling For RC drilling, every 1m sample was riffle split into clean pre-numbered calico bags and remaining sample ground-dumped in rows of 20. For each 4 x 1m samples a 4m composite sample was collected with a spear and placed into a clean pre-numbered calico sample bag. For composite samples, proportional amounts of material were collected from each sample pile to create the composite. All sampling was undertaken by Solstice staff.</p> <p>Historical Drilling Previous operators have sampled using Reverse Circulation (RC) with 1m sample interval collected via a cyclone. Drill samples collected from Rotary Air Blast (RAB) drilling is assumed to be collected from 1m intervals placed on the ground. Drilling has been completed over a number of programs between 1992-2012 with varied drillhole hole and drill line spacing.</p>
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	<p>Solstice Drilling A QAQC sample is inserted at a rate of 1 in 20 primary samples (CRM or Blank QAQC sample), also field Duplicates were inserted at a rate of 1 in 25 Primary samples. Appropriate certified reference materials (CRMs) were supplied by Geostats Pty Ltd and suitable Blank material was also sourced from Geostats Pty Ltd. Analysis of QAQC samples inserted by the Company is undertaken to monitor sample representivity and independent laboratory conditions. The CRMs used by the Company are grade and matrix matched as close as possible to interpreted geology. The laboratory (Intertek) also performed its own internal checks including insertion of pulp duplicate, standard, and repeat samples as required. For RC drilling, Duplicate samples were collected at the drill site and inserted into the sample stream at a frequency of 1 in 25 Primary samples. The Duplicates were collected with a spear in the same fashion as the Primary samples.</p> <p>Historical Drilling Measures taken by previous operators regarding sample representivity are unknown. However, it is assumed this would have followed standard industry practice for the time and is likely to have included use of Duplicates and Certified Reference Material (CRM) inserted in the field.</p>
	<i>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules)</i>	<p>Solstice Drilling For RC drilling each 1m sample was collected via a cyclone and riffle splitter into a plastic bucket and laid out on a cleared area of ground in rows of 20 samples. Each 1m split sample is approximately 2-3kg and representative of the metre drilled. For each 4 x 1m samples a 4m composite sample was collected with a spear and proportional amounts placed into a pre-numbered calico sample bag to make up an approximate 2-3kg sample.</p> <p>Historical Drilling Samples collected from RC drilling by Delta Gold were typically collected at 1m intervals downhole and captured in plastic bags and RAB samples were collected as composite samples between 1m and 4m intervals. Rubicon indicate RAB samples were typically 4m composites and a 1m end-of-hole sample. Assaying was conducted by recognised assay laboratories, including Genalysis and LabWest, with Delta Gold using Fire Assay for gold with a 50g charge with Atomic Absorption Spectroscopy (AAS) finish.</p>



Criteria	JORC Code explanation	Commentary
	<i>may warrant disclosure of detailed information</i>	Rubicon report an Aqua Regia analysis on a 25g charge with ICP-MS finish for gold plus a multi-element suite.
<i>Drilling techniques</i>	<i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	<p>Solstice Drilling RC drilling was undertaken by an independent contractor, Raglan Drilling, using a custom built, truck mounted drill rig. The drill string comprised 6m rods with a standard 5.5inch face sampling RC bit. Each hole was drilled to its planned depth. Each drillhole was supervised by a Solstice geologist.</p> <p>Historical Drilling Over the history of the Bluetooth Prospect there has been at least of 84 drillholes in the general area, totalling 3,916m of drilling. This includes 14 RC holes for 1,443m and 70 RAB holes for 2,473m.</p> <p>The RAB holes range from 2-68m depth with 35m average depth. The RC drillhole depths range from 70m to 142m downhole, with an average depth of 103m downhole.</p> <p>Drill contractors include Stanley Mining Services, Grimwood and Raglan Drilling. Face sampling button bits were used for RC, as well as an auxiliary air booster and compressor.</p>
<i>Drill sample recovery</i>	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	<p>Solstice Drilling The RC sample recoveries for each metre were visually assessed and estimated to be within industry acceptable standards. Moisture content was recorded in drill logs.</p> <p>Historical Drilling Sample recoveries during historical drilling process are unknown, however it is assumed the operators used standard industry practices of the period to record and assess sample recovery.</p>
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	<p>Solstice Drilling Saline ground water was encountered in some of the deeper RC drill holes, but most mineralised intercepts had minimal moisture content. The RC drill rig utilised an onboard compressor and air pack, and a separate booster air pack which provided dry and representative samples with good recovery.</p> <p>Historical Drilling Measures taken by previous explorers to maximise sample recovery and ensure representivity are not recorded in historical reports. It is assumed that industry standard measures applicable at the time of drilling were implemented.</p>
	<i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	<p>Solstice Drilling No relationship is apparent in the RC data between sample recovery and grades, and therefore no bias is inferred.</p> <p>Historical Drilling No sample bias has been observed in data from historical reports reviewed by Solstice.</p> <p>The Competent Person is satisfied that the drill sample recoveries have been adequately assessed and are appropriate to the mineralisation being reported.</p>
<i>Logging</i>	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	<p>Solstice Drilling The RC drilling has been conducted as an early infill phase of exploration and is not considered to be at a density suitable for any Mineral Resource Estimation.</p> <p>Historical Drilling Drill chips from RC and RAB samples have been geologically logged by previous operators. Where available, geological log data is currently limited to lithology, grain size, texture and colour only. Logging was typically undertaken at 1m intervals.</p> <p>The Competent Person is satisfied that the logging detail and quality is appropriate to the mineralisation being reported.</p> <p>Work has not been undertaken to a level that will support a Mineral Resource Estimation.</p>



Criteria	JORC Code explanation	Commentary
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	<p>Solstice Drilling Logging of RC drill samples included lithology, alteration, sulphide mineralisation and structure fabric. Transported cover and regolith types were also defined. The logging is considered appropriate for this phase of exploration.</p> <p>Historical Drilling Logging by previous operators was primarily qualitative.</p>
	<i>The total length and percentage of the relevant intersections logged.</i>	<p>Solstice Drilling The RC drillhole samples are logged from surface to the EOH in summary format with EHO chip samples collected in chip trays for archive and future reference. Geological events such as bottom of transported cover, base of complete oxidation, water table, and top of fresh rock are also recorded. The logging is considered appropriate to this phase of exploration.</p> <p>Historical Drilling Based on inspection of historical reports and available geological log data, all RC and RAB drillholes completed by previous explorers are believed to have been logged in full.</p>
<i>Sub-sampling techniques and sample preparation</i>	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	<p>Historical Drilling Not applicable. No core drilling data exists for Bluetooth Prospect.</p>
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	<p>Solstice Drilling The RC drill samples were spear sampled from piles laid out on the ground at the drill site. The majority of samples were collected dry, with very few collected wet.</p> <p>Historical Drilling The RC samples collected by Delta Gold are assumed to have been collected by the spear method from bulk 1m samples collected in plastic bags. Drill logs indicate some samples were wet with those intervals noted in the logs.</p>
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	<p>Solstice Drilling For RC drilling, predominantly 4m composite samples were collected from the from oxidised and fresh basement. Each sample was collected with a spear. These are standard industry practices for this phase of exploration. The samples were sent to independent laboratory, Intertek, where samples were oven dried at 100C, crushed and pulverised to 85% of total sample passing 75µm, using the SP03 or SP05 methods. The nature and quality of the sample preparation are considered appropriate.</p> <p>Historical Drilling Details are not provided by previous explorers, but it is assumed samples collected in the field for laboratory analysis would have been 2-5kg. The precise laboratory sample preparation technique used by previous explorers is unknown but is assumed to have followed appropriate industry standard techniques at the time of analysis. Laboratories reported to be used include Genalysis and LabWest which are well established, independent laboratories.</p>
<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	<p>Solstice Drilling On site, field Duplicate samples are taken at a rate of 1 in 25 Primary samples based on the Company's QAQC procedures, which requires either a CRM, Blank or Duplicate be inserted in the sample stream at least every 20th Primary sample.</p> <p>The CRMs used by the Company are sourced from Geostats Pty Ltd and Oreas™ and are of gold grade and matrix that matched as close as possible to the interpreted geology.</p> <p>At the laboratory stage, internal QAQC pulp duplicates are taken at a rate of 1 in 28 by Intertek. Appropriate CRM material is also inserted and assessed by Intertek for internal laboratory QAQC.</p> <p>Historical Drilling Detailed QAQC procedures are unknown for previous explorers but are assumed to have been appropriate for the time to maximise representivity of sub-samples collected.</p>	



Criteria	JORC Code explanation	Commentary
		Delta Gold RC and RAB drill logs record Duplicate samples and Standard samples inserted in the field sample streams.
	<i>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</i>	<p>Solstice Drilling</p> <p>Field Duplicate samples were collected during RC drilling and inserted into the sample batches to check and ensure representivity of sample methods.</p> <p>Pulp repeats and element repeats for all sample types are undertaken by Intertek at the laboratory.</p> <p>The QAQC field Duplicate sample data are evaluated by Solstice's independent database manager, Geobase Pty Ltd, and these showed satisfactory reproducibility.</p> <p>Historical Drilling</p> <p>Measures taken historically to ensure that the sampling is representative of the in-situ material collected is poorly documented by previous explorers. It is assumed measures taken would have followed standard industry practice for the time and is likely to have included use of Duplicates and Certified Reference Material (CRM) inserted in the field at prescribed intervals.</p> <p>Pulp repeats and element repeats for selected samples would have been undertaken by the independent laboratories used.</p> <p>The historical sample data have been evaluated by Solstice's independent database manager, Geobase Pty Ltd, as well as Company geologists.</p>
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	<p>Solstice Drilling</p> <p>Sample mass for RC drilling of nominally 1.5-3kg for each sample are considered appropriate for the rock type and style of mineralisation.</p> <p>Historical Drilling sample sizes, bulk RC and laboratory sub-samples, are assumed appropriate for the rock type and style of mineralisation.</p>
<i>Quality of assay data and laboratory tests</i>	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	<p>Solstice Drilling</p> <p>Laboratory assaying for all drill sample types is undertaken by Intertek, an ISO 9001 certified laboratory. All sample types are subjected to the lead collection Fire Assay technique which uses a 50g charge with an ICP-MS finish and is considered to provide near total gold recovery. The nature and quality of the procedures and assaying techniques at the laboratory are considered appropriate for the rock type and style of mineralisation.</p> <p>Historical Drilling</p> <p>Information about assay laboratories has been reviewed by Solstice, and exploration reports typically indicate Genalysis was used by Delta Gold and LabWest used by Rubicon for routine assay.</p> <p>Rubicon used an Aqua Regia digest on a 25g charge with an ICP-MS finish with 0.005ppm detection limit for gold.</p> <p>Delta Gold used a 50g Fire Assay with AAS finish for gold with a 0.01ppm detection limit. This method is considered a total digest.</p> <p>The laboratory procedures and methods of analysis have been appropriate for the style of mineralisation.</p>
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i>	<p>Solstice Drilling</p> <p>For RC samples no geophysical tools were used in the field in determining any analysis</p> <p>Historical Drilling</p> <p>No geophysical, spectrometer or handheld XRF instruments were noted in reports by previous explorers as used to determine any mineral or element concentrations.</p>
	<i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of</i>	<p>Solstice Drilling</p> <p>During RC drilling field Duplicates were taken on site for samples using the same method as the Primary sample (i.e. spear) from piles laid out on the ground.</p> <p>At the laboratory Intertek also performed internal checks including insertion of pulp duplicates, standards, and repeats as required. Internal</p>



Criteria	JORC Code explanation	Commentary
	<i>accuracy (ie lack of bias) and precision have been established.</i>	<p>screen checks are also performed to ensure the mass percent passing 75µm is consistently high.</p> <p>Historical Drilling Historical information about the nature of QAQC procedures is not detailed in reports by previous explorers which were reviewed by Solstice. It is assumed QAQC measures taken would have followed standard industry practice for the time and is likely to have included use of Duplicates and Certified Reference Material (CRM) inserted in the field at a prescribed frequency. Pulp repeats and element repeats for selected samples would have been undertaken by the laboratories used. The Competent Person is satisfied that accuracy and precision of the historical drill data is at acceptable levels.</p>
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	<p>Solstice Drilling The assay results for significant gold intercepts have been checked by Solstice's independent database manager, Geobase Pty Ltd, as well as internal Solstice geologists. Assay results have been checked against sample chip trays and geological logs. The samples that make up significant intersections have been checked against host rock and alteration.</p> <p>Historical Drilling Significant intercepts have been checked by Solstice geologists and checked for validation by independent data management company, Geobase Pty Ltd.</p>
	<i>The use of twinned holes.</i>	<p>Solstice and Historical Drilling No specific twin hole drilling has been undertaken on the Bluetooth Prospect area.</p>
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	<p>Solstice Drilling The primary lithological data for aircore, RC and DD drilling is collected by a Company geologist in the field recording it on a paper log sheet or directly into a database logging sheet on a Toughbook laptop. Data is entered onto pre-defined MS Excel based log sheets following the Company's documented internal geological protocols and procedures manual. Validation measures for the field data is built into the log sheets.</p> <p>Sample logs are recorded on paper sheets in the field. Sample data is entered into the database from the sample sheets and provided to the database manager for alignment of assay data.</p> <p>Field data is backed-up each day with logs stored in the Company database hosted on a server. Field data is first verified by senior Company geologists and then sent electronically to Solstice's independent data management company, Geobase Pty Ltd, for incorporation into a Master Database. Geobase conducts several phases of field log data validation to ensure consistency and completeness. The subsequent validated and compiled dataset is exported into appropriate formats (MS Access and Micromine™) for use by the Company geologists.</p> <p>Laboratory data is provided electronically to the Company and Geobase Pty Ltd and is validated and imported by Geobase into the Master Database. Data is supplied by Intertek as MS Excel spreadsheets and PDF certificates signed by the relevant laboratory manager.</p> <p>Historical Drilling Depending on the age of the drilling, previous operators have collected data either in paper form (Delta Gold) or electronically (Rubicon). No complete historical database was available for the Bluetooth Prospect. The data available to Solstice is compiled from data extracted from the Western Australian Mineral WAMEX database, and validated in the field and by independent data management company, Geobase Pty Ltd. The subsequent compiled dataset is exported into appropriate formats (MS Access and Micromine™) supplied for use by the Company.</p>
	<i>Discuss any adjustment to assay data.</i>	<p>Solstice Drilling No adjustments or calibrations were made to any gold assay data for samples collected and presented by Solstice.</p>



Criteria	JORC Code explanation	Commentary
		<p>Historical Drilling No adjustments or calibrations were made by the Company to any assay data collected by previous explorers and compiled.</p>
Location of data points	<p><i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></p>	<p>Solstice Drilling The location of aircore, RC and DD drill collars is recorded using a handheld Garmin GPS-Map unit with an accuracy of +/-3m, using MGA94 Zone 51 South. This method is considered appropriate for this phase of exploration drilling. Downhole surveys were conducted by trained Raglan Drilling personnel at every immediately after the completion of every RC using a REFLEX Sprint, North Seeking survey tool referenced to True North. No Mineral Resources Estimate work has been undertaken.</p> <p>Historical Drilling The location of RC and RAB drill collars completed by Delta Gold and was recorded by local grid. The Delta Gold RC holes do not appear to have been downhole surveyed.</p>
	<p><i>Specification of the grid system used.</i></p>	<p>All coordinate data is reported using the grid system MGA94 Zone 51 South. The data is projected to Universal Transverse Mercator (UTM) coordinate system.</p>
	<p><i>Quality and adequacy of topographic control.</i></p>	<p>A digital terrain model (DTM) was created using elevation data collected from the Solstice proprietary geophysical survey undertaken in 2022 at 100m line spacing. Historical hole collars were then draped onto the generated surface.</p>
Data spacing and distribution	<p><i>Data spacing for reporting of Exploration Results.</i></p>	<p>Solstice Drilling RC drilling was carried out at 100m lines spacing with between one and three angled drill holes per section.</p> <p>Historical Drilling Previous RC drilling has been conducted at various drill spacings. Reconnaissance first-pass drilling was undertaken on 200m spaced drill lines, with infill over anomalous zones to 100m line spacing. The RC drill lines are 100m apart with collars from 30m to 50m apart in areas drilled.</p>
	<p><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></p>	<p>The data spacing, distribution and geological understanding of mineralisation controls is not sufficient for the estimation of Mineral Resources.</p>
	<p><i>Whether sample compositing has been applied.</i></p>	<p>Solstice Drilling For RC drilling, every 1m sample was riffle split into clean pre-numbered calico bags. For each 4 x 1m samples a 4m composite sample was collected with a spear.</p> <p>Historical Drilling Based on historical logs from reports previous explorers appear to have composited sample intervals in RAB drilling.</p>
Orientation of data in relation to geological structure	<p><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></p>	<p>The RC drillholes were generally collared at -60 degrees dip with azimuth grid West (252 degrees). This appears to have achieved unbiased sampling based on the known structures.</p>
	<p><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this</i></p>	<p>Solstice and Historical Drilling No orientation-based sampling bias has been identified in the current and historical data at this prospect.</p>



Criteria	JORC Code explanation	Commentary
	<i>should be assessed and reported if material.</i>	
Sample security	<i>The measures taken to ensure sample security.</i>	<p>Solstice Drilling</p> <p>Chain of sample custody is maintained by Solstice personnel. Samples were collected in calico bags which were then secured in numbered polyweave bags. These were stored in Bulka bags at Ejudina Station homestead and then transported by a reputable commercial contractor, Hampton's Transport, directly to the Sykes Transport facility in Kalgoorlie for subsequent transportation to Perth. These facilities have lockable yards to maintain security prior to sample processing.</p> <p>Sample submission documents listing the batch number, sample number and order number accompany the samples at each stage and emailed directly to the laboratory managers. Samples are checked by Intertek to confirm receipt of all samples. If a discrepancy is noted, this is reported by the laboratory to Solstice.</p> <p>Historical Drilling</p> <p>No information on sample security or chain of custody has been supplied or identified by Solstice in historical reports. The Competent Person is satisfied there was sufficient security over the chain of custody of drill samples.</p>
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	<p>A Cube Consulting review of Solstice's data from the 2021 and 2022 drill campaigns at the Hobbes gold prospect determined that procedures and data applied by the Company can be considered adequate.</p> <p>Internal reviews by experienced senior geologists of sampling techniques and data confirm that sampling has been conducted to industry standards.</p> <p>Historical Drilling</p> <p>Solstice's review of previous sampling techniques and methodology presented in historical reports indicate that it appears to have been conducted to industry standards applicable at the time of drilling.</p>

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i>	<p>The Bluetooth Prospect is located on Licence E39/1914 and is about 170km northeast of Kalgoorlie. The Licence is 100% owned by Solstice Minerals Ltd.</p> <p>There are no historical sites or environment protected areas on the tenement.</p> <p>Aboriginal cultural heritage surveys have been conducted over the drill sites by Nyalpa Pirniku Native Title Claimants. A registered Aboriginal Heritage Place defining Lake Raeside is located to the west of the Bluetooth Prospect.</p>
	<i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i>	The tenement is in good standing and there are no known impediments to renewal of the tenement or to obtaining any licence to operate.
Exploration done by other parties	<i>Acknowledgment and appraisal of exploration by other parties.</i>	<p>The Company's Yarri Project area has an established history with reported gold extraction and exploration dating back to possibly the nineteenth century. Previous modern exploration on and nearby licence E39/1914 has been carried out by the following companies:</p> <ul style="list-style-type: none"> • Western Mining Corporation • Pathfinder Gold NL • Delta Gold NL (See TABLE 2) • Rubicon Resources Ltd (See TABLE 2) • Anglo Australian Resources NL



Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> • Hawthorn Resources Ltd • Saracen Gold Mines Ltd • Resource Exploration Ltd • Croesus Mining NL • Newcrest Mining Ltd • Apollo Consolidated Ltd
<i>Geology</i>	<i>Deposit type, geological setting and style of mineralisation.</i>	<p>The regionally significant Mt Celia Fault and Pinjin Fault Systems are interpreted to extend NNW-SSE through the Bluetooth Prospect area. The western edge of the licence is part of the Murrin Domain, whilst the eastern part is within the Laverton Domain (and Laverton Tectonic Zone). Transported colluvium with alluvium channels predominantly cover the geology of the lower elevations, with lacustrine deposits from Lake Raeside covering significant sections of E39/1914 to the west.</p> <p>Archaean rocks outcrop as a series of sedimentary and banded iron formations (BIF) with accompanying quartzofeldspathic schists and metamafic intrusions, typically striking at approximately 140° and dipping to the east. The BIF units are commonly tightly folded with fold axes plunging south. Quartz veins striking parallel with the BIF units are common.</p> <p>Prospect geology is dominated by a low rise of grey and brown cherts and ironstone (after pyritic sedimentary rocks), and later stage oblique quartz veins and blows. The surrounding geology is scree-covered and not well exposed, but drilling has intersected fine grained sedimentary rocks and intermediate schists. The host horizon becomes pyritic below the oxidation profile.</p> <p>Major gold deposits and historic mining centres proximal to the licence E39/1914 area include the Deep South Mine, Safari Bore Mine, Kangaroo Bore Mine and Porphyry Gold Mine.</p> <p>The Competent Person is satisfied that geological setting has been adequately considered and is appropriately described.</p>
<i>Drill hole Information</i>	<p><i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i></p> <ul style="list-style-type: none"> • <i>easting and northing of the drill hole collar</i> • <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i> • <i>dip and azimuth of the hole</i> • <i>down hole length and interception depth</i> • <i>hole length.</i> 	See body text.
	<i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i>	<p>Not applicable, all information is included.</p> <p>The Competent Person is satisfied that drillhole information has been adequately considered, and material information has been appropriately described.</p>
	<i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade</i>	Significant intercepts reported are down hole lengths only and historically reported at either 1g/t Au or 0.4g/t Au cutoff



Criteria	JORC Code explanation	Commentary
Data aggregation methods	<i>truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i>	
	<i>Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i>	Intercepts comprise predominantly 4m composite samples which will now be resampled at 1m intervals. Significant intercepts are reported on the basis of greater than 1g/t gram/metres at a 0.40g/t Au lower-cut and NIL internal dilution. Significant gold anomalism is reported at greater than 12m width at a 0.10g/t Au lower-cut and a maximum 4m internal dilution. Anomalism is reported to demonstrate where there is evidence of broad mineralising system.
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	Metal equivalent values are not currently being reported.
Relationship between mineralisation widths and intercept lengths	<i>These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i>	Historical drillholes were correctly oriented to pierce the east-dipping prospect geology. Significant intercepts reported are down hole lengths only but mineralisation is interpreted to be largely strata-bound and therefore close to true-width.
Diagrams	<i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>	Refer to figures in the body of text for plan maps of the location of relevant sample or hole locations.
Balanced reporting	<i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>	All currently known significant historical drill assay data has been reported.
Other substantive exploration data	<i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples - size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>	All relevant exploration data is shown on figures in the main body of text.
Further work	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	<p>The Company will carry out assaying of 1m riffle split samples where composite samples indicate significant mineralisation and continue to interpret the data and update the geological model to refine controls on gold mineralisation and prepare for the next phase of RC drilling.</p> <p>Future drilling at the Bluetooth Prospect would include RC drilling to infill between the wider mineralised zones, and explore extensions of gold mineralisation down-plunge to the NW.</p> <p>Reconnaissance AC drilling may continue in gold prospective areas to the north within the broader E39/1914 licence and adjoining Yarri Project licences.</p>