S2 Resources

START OF DRILLING GOLD AND COPPER TARGETS AT WARRAWEENA, NSW

- **Diamond drill rig on site at Warraweena in northern NSW**
- **Drilling to start at T37 gold target then move to Lilyfield copper target**
- **Program anticipated to take approximately two months to complete**

S2 Resources Ltd ("S2" or the "Company") advises that a diamond drill rig is on site at its Warraweena project in northern New South Wales to commence drilling at the T37 gold target, located on 100% S2-owned EL9836, and then the Lilyfield copper target, located on EL9269 where S2 is earning a 70%, and potentially 80% interest from private company Oxley Resources.

T37 gold target

Up to five holes have been planned at the T37 gold target on 100% S2-owned ground to follow up an intercept of **4 metres @ 1.1 g/t gold** and **6000 ppm arsenic** from 127 metres (since re-assayed and confirmed by a result of **4 metres @ 0.75 g/t gold**) in DDHT-37, a solitary diamond hole drilled over 40 years ago by North Broken Hill (NBH) in the 1980's (refer to S2 ASX announcement of 25th September 2025, and see Figure 1).

Relogging of this hole by S2 confirmed that mineralisation in this hole is associated with a zone of intense albite-sericite hydrothermal alteration, strong brecciation with quartz-carbonate infill, multi-phase veining, abundant fine-grained pyrite-arsenopyrite, and fuchsite in a strongly deformed dolerite (see Figure 2).

While the exact position of its collar is uncertain due to its vintage and the error inherent in pre-digital and pre-GPS locational data, S2 has constrained the likely position based on field observations and the available airborne magnetics.

Lilyfield copper target

Once these holes have been completed, the rig will move to the Lilyfield copper target, located on EL9269, where S2 is earning a 70%, and potentially 80% interest.

Drilling at Lilyfield is anticipated to comprise two or three diamond holes to follow up the anomalous copper intercept of **17 metres @ 601ppm copper** from 147.5 metres, including **1 metre @ 0.12% copper** from 158.8 metres in propylitic altered volcanics, associated with quartz-carbonate veining and disseminated chalcopyrite in S2 hole SWAD0003 (refer to S2 ASX announcement of 2nd January 2026, and Figure 3).

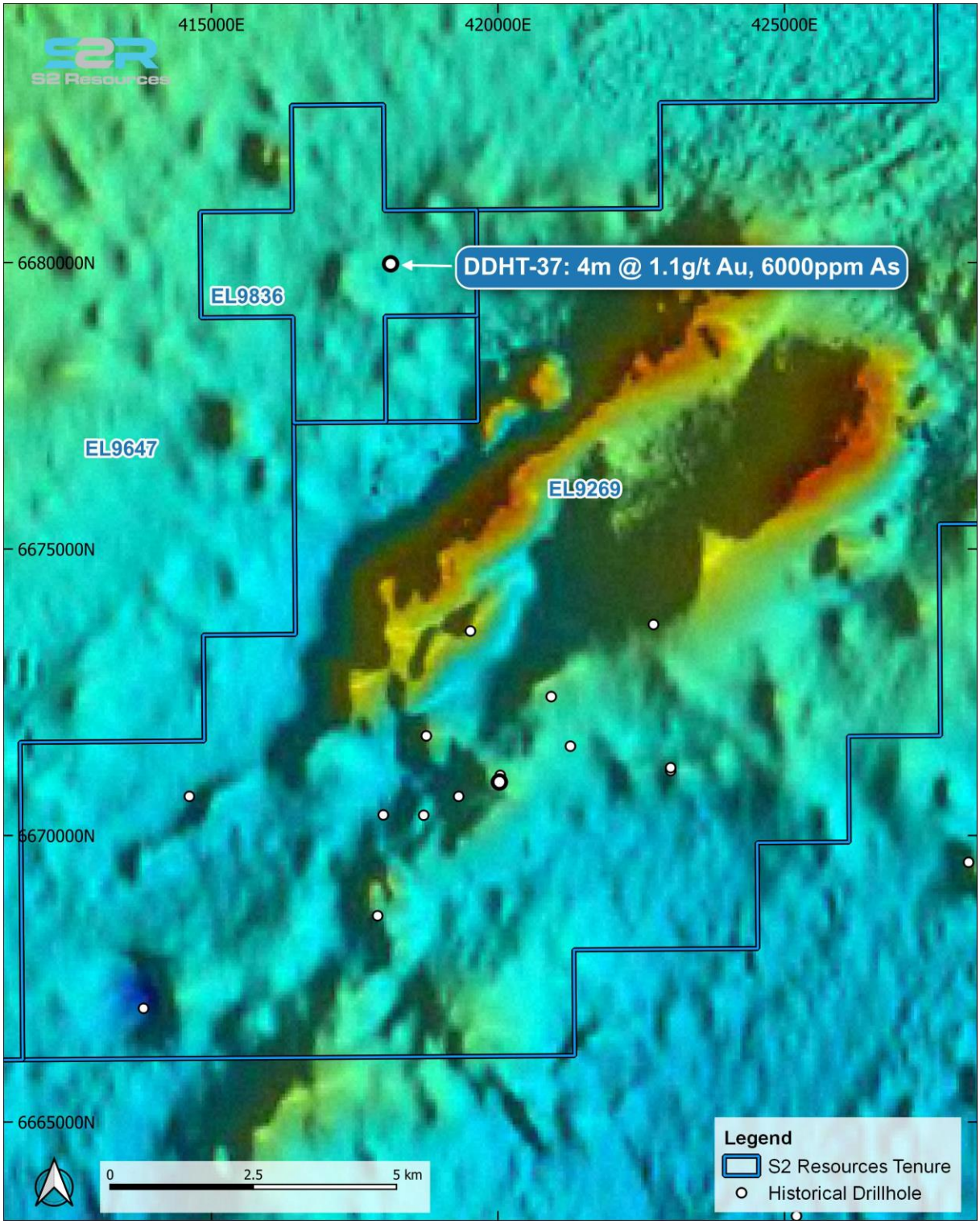

Figure 1: Close-up of the southern portion of the project showing historical drill collar locations and results of DDHT-37 (T-37 gold target).

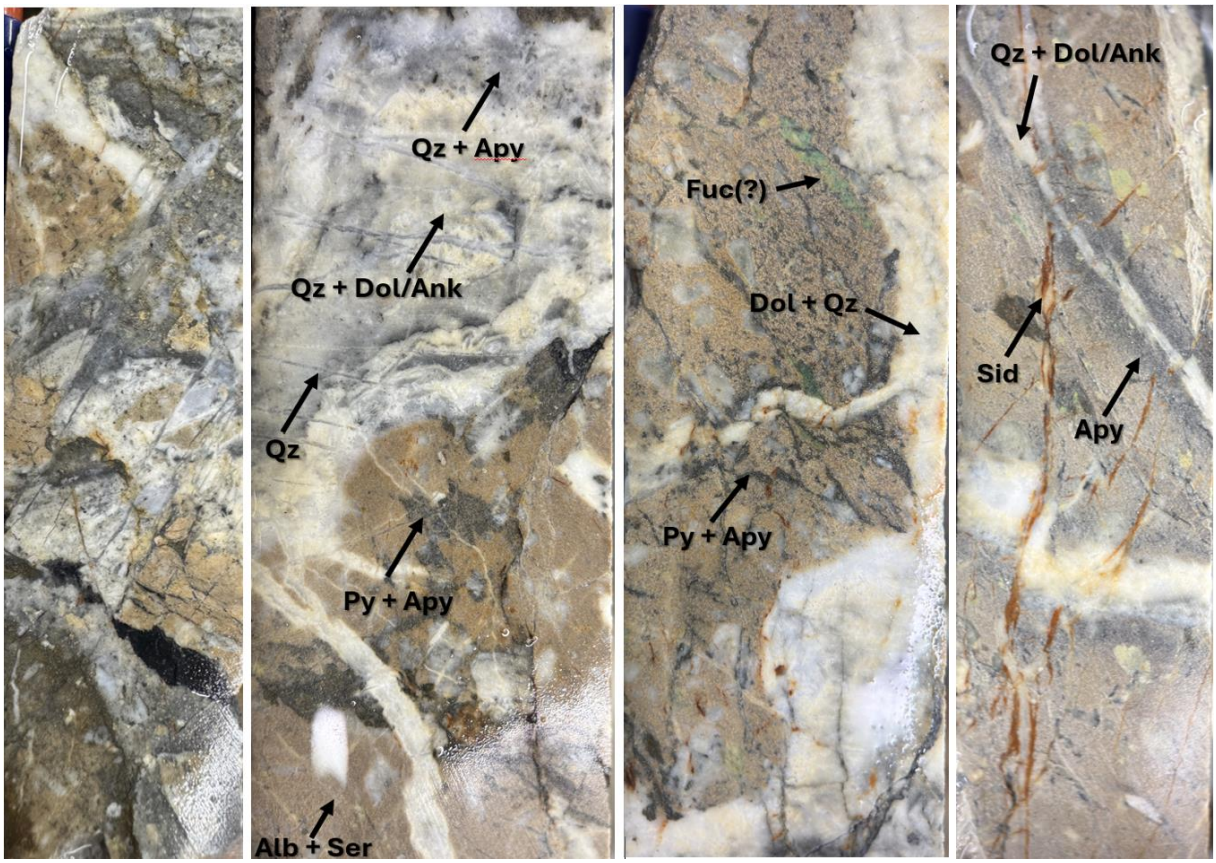

Figure 2: Photos of core from 1980's vintage North Broken Hill hole DDHT-37 between 127 and 131 metres showing highly altered and brecciated dolerite with multi-phase veining and sulphide (Qz - quartz, Alb - albite, Ser - sericite, Dol - dolomite, Ank - ankerite, Sid - siderite, Py - pyrite, Apy - arsenopyrite, Fuc - fuchsite).

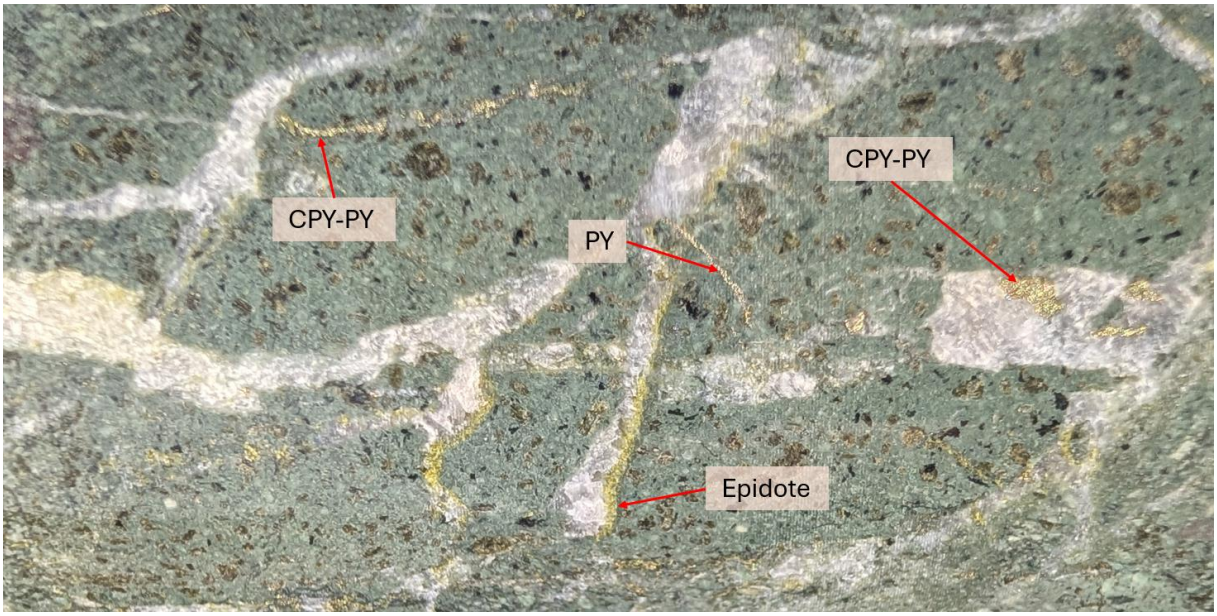

Figure 3: Photograph of SWAD0003 (182.2 metres), showing disseminated pyrite (PY) and chalcopyrite (CPY) associated with stockwork quartz veinlets within propylitic (chlorite – epidote) altered basaltic-andesite volcanics that returned 17 metres @ 601 ppm copper in assay results.

Geophysical consultants Newexco have completed inversion modelling of the aeromagnetic data over the Lilyfield copper target, utilising the analytic signal of the vertically integrated grid data (ASVI) which allows for modelling of remanent magnetised bodies. The result of the modelling shows a good fit between the modelled magnetic bodies with the very strong negative responses observed in the aeromagnetic imagery, and with a "finger" extending closer to surface at the northern end of the body to be targeted by the upcoming drill program (see Figures 4 and 5).

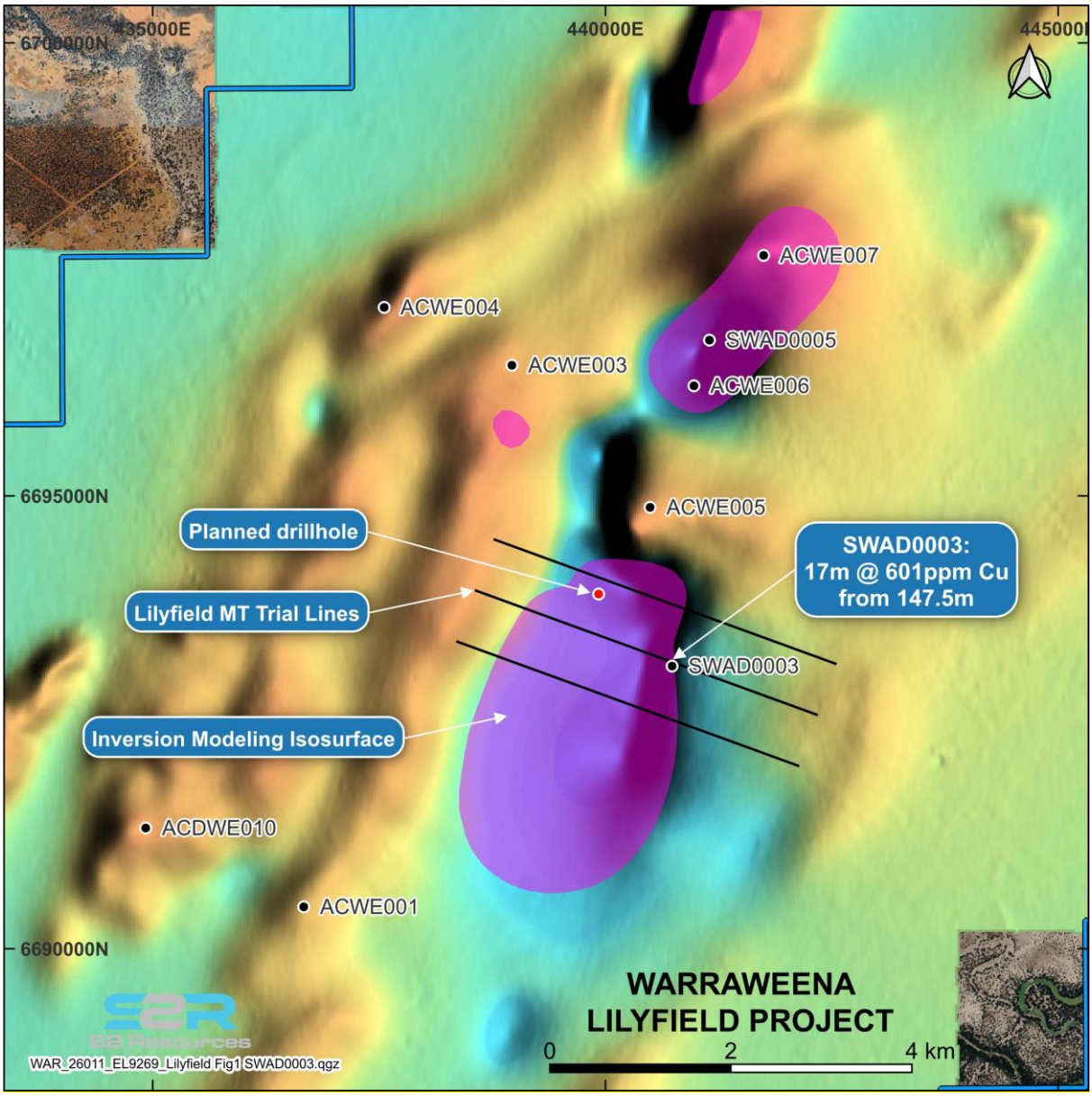

Figure 4: Aeromagnetic image of the Lilyfield copper target showing ASVI iso-shell (>1.0 SI), location of the Trial MT survey and proposed drill hole.

Drilling of both these targets is expected to take up to two months to complete (ie, up to mid-December 2026). Assay results from the gold target may be available before the Christmas break, and assay results from the copper target will likely follow early in the new year.

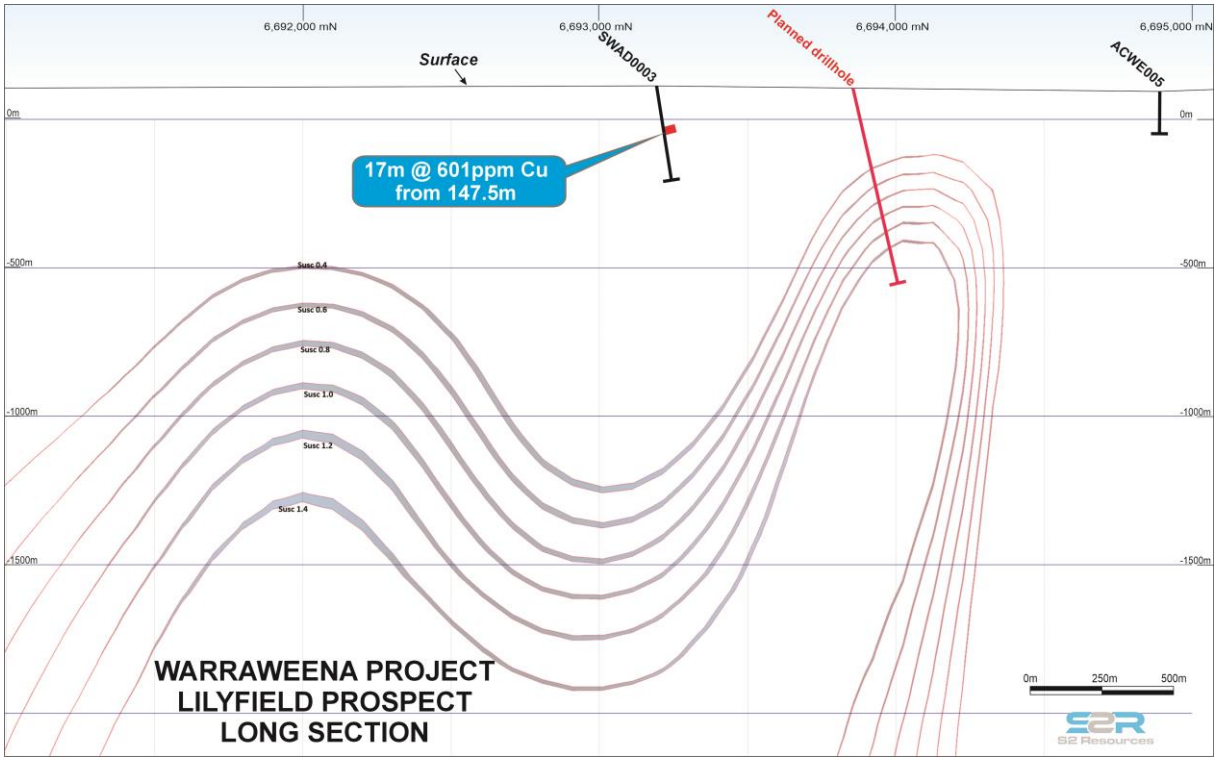

Figure 5: Long section showing iso-surfaces of the ASVI modelling relative to existing drilling and location of the proposed drill hole.

This announcement has been provided to the ASX under the authorisation of the S2 Board.

For further information, please contact:

Mark Bennett
Executive Chairman
+61 8 6166 0240

Previous S2 ASX announcements referred to in this release:

25th September 2025:	Exploration underway at Warraweena, drilling to commence.
2nd January 2026:	Warraweena exploration update.
27th July 2026:	June 2026 Quarterly Activities Report.

Past Exploration results reported in this announcement have been previously prepared and disclosed by S2 Resources Ltd in accordance with JORC 2012. The Company confirms that it is not aware of any new information or data that materially affects the information included in these market announcements. The Company confirms that the form and content in which the Competent Person's findings are presented here have not been materially modified from the original market announcement. Refer to www.s2resources.com.au for details on past exploration results.

Competent Persons statement

Information in this report that relates to Exploration Results is based on information compiled by John Bartlett, who is an employee and equity holder of the Company. Mr Bartlett is a member of the Australian Institute of Mining and Metallurgy (MAusIMM) and has sufficient experience of relevance to the style of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Bartlett consents to the inclusion in this report of the matters based on information in the form and context in which it appears.