ASX: ITM

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# SOIL PROGRAM DELIVERS EXCEPTIONAL GOLD–ANTIMONY RESULTS - VALIDATES pXRF EXPLORATION AT REYNOLDS RANGE

### HIGHLIGHTS

- Soil sampling returns outstanding peak values of 12.1g/t Au (SS26002, Sabre) and 9.1% Sb (FS26070, Falchion) in laboratory assays
- 48 of 182 samples returned >0.1 g/t Au, including 9 samples >1 g/t Au; 21 samples returned >0.1% Sb in laboratory assays
- Field-portable XRF (pXRF) results correlate strongly with laboratory assays for As (ρ = 0.91), Sb (ρ = 0.87) and Pb (ρ = 0.81), validating pXRF as a rapid, low-cost first-pass targeting tool
- Arsenic is confirmed as the most effective pathfinder for gold - pXRF As correlates with laboratory Au at ρ = 0.83, almost matching laboratory As (ρ = 0.86)
- Antimony shows a moderate-to-strong correlation with gold (laboratory ρ = 0.72), consistent with a coherent Au-Sb-As epizonal mineral system
- Soils define new zone of mineralisation at Falchion, extending strike to over 180m
- Results support the roll-out of systematic pXRF supported soil geochemistry across the 13km of structures identified in the recently flown drone magnetics
- Drilling results from first phase of drilling due in next 2-3 weeks

*"These results are a gamechanger for how we explore at Reynolds Range. The process has demonstrated that pXRF soil geochemistry gives us reliable, real-time vectors to gold–antimony mineralisation in the field, at a fraction of the cost and turnaround time of laboratory-only programs. The survey has already identified a new zone of mineralisation at Falchion.*

*With 13 kilometres of prospective structures identified in the recently flown drone magnetics, and the broader 42-kilometre Stafford Gold Trend beyond that, we now have a tool that lets us screen this enormous search space quickly and effectively - defining and infilling anomalies within a single field campaign and ensuring our drilling is targeting the highest-quality gold–antimony targets."*

***- Managing Director Mike Schwarz***


*Watch MD Mike Schwarz's full comments with the latest Ask iTech Video (4min)*

## REYNOLDS RANGE PROJECT BACKGROUND

The Reynolds Range project consists of four granted Exploration Licences (EL23655, EL23888, EL28083 and EL33881), 100% owned by iTech Energy Pty, Ltd, a wholly owned subsidiary of iTech Minerals Ltd. The project covers a total of 791km$^2$ of the Aileron Province, part of the Paleoproterozoic North Australian Craton and is subject to a joint venture with SQM International Pty Ltd who have the option to earn up to 70% of the lithium mineral rights on the project area. iTech retains the right to 100% of all other commodities. The Project is located 90-230km NNW of Alice Springs with access available from the Stuart Highway and then the un-sealed Mt Denison road. The project area is part of the >42km long Stafford Gold Trend with 50 kilometres of strike coincident with the Trans-Tanami regional structure.

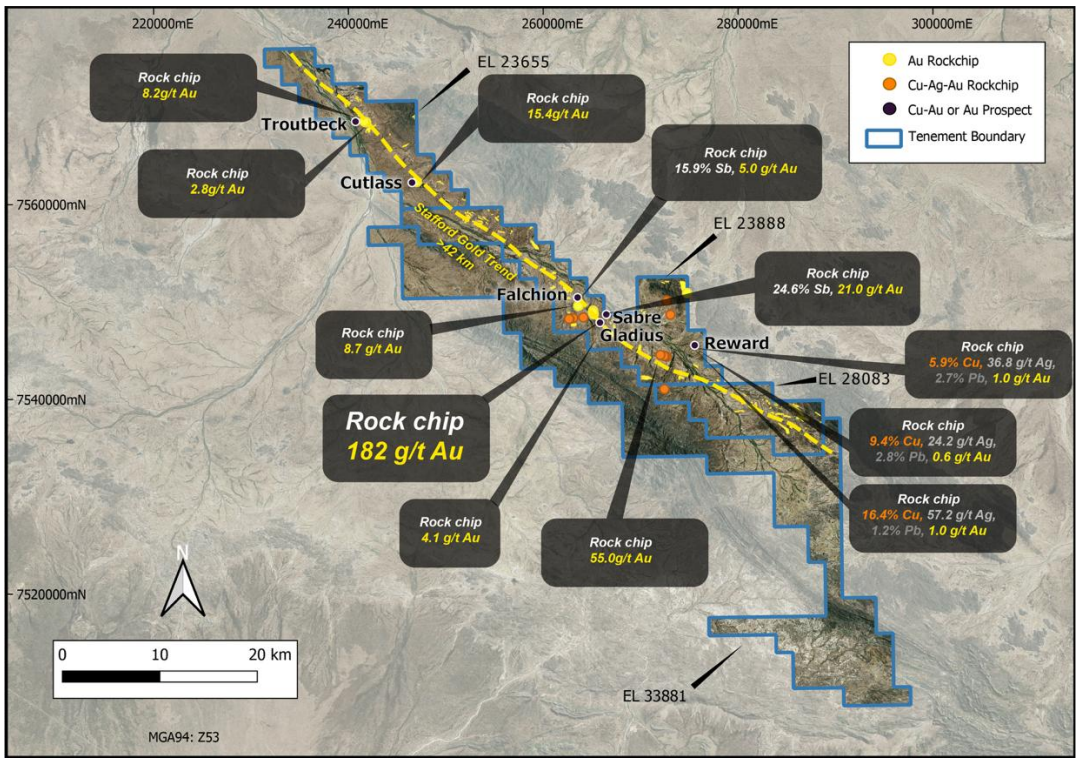


*Figure 1. Reynolds Range prospect location diagram with rock chip sampling results (Rock chip data from, ASX: ITM 5 July 2024, 3 September 2024, 19 August 2025, 22 August 2025)*

## OVERVIEW

The program was designed to test whether pXRF analysis of soil samples can reliably map gold–antimony mineralisation at Reynolds Range, where recent drilling at Sabre and Falchion intersected high-grade gold and antimony including 31m @ 2.5 g/t Au and 0.65% Sb (Sabre) and 14m @ 6.3 g/t Au and 0.5% Sb (Falchion) (ITM ASX 12 January 2026). A total of 182 soil samples (prefixes FS – Falchion; SS – Sabre) were analysed by pXRF in the field, with all samples subsequently submitted for laboratory analysis including low-level gold and multi-element geochemistry.

## pXRF vs LABORATORY CORRELATION

Correlation statistics were calculated on sample pairs where both methods returned values above detection (Table 1). Arsenic (As), antimony (Sb) and lead (Pb) all show strong rank correlations, confirming that pXRF reliably ranks anomalism for these elements. pXRF systematically underestimates absolute concentrations (laboratory values are typically 1.2–1.8 times higher), so pXRF data are best used for anomaly targeting rather than quantitative estimation. The pXRF antimony detection limit (~50–100 ppm) censors the low end of the Sb distribution, and pXRF bismuth data show no correlation with laboratory values and will not be used.

| Element | n (paired) | Spearman ρ | Pearson r ($log_{10}$) | Median lab/pXRF |
|---|---|---|---|---|
| **As** | 158 | 0.91 | 0.90 | 1.62 |
| **Sb** | 75 | 0.87 | 0.83 | 1.78 |
| **Pb** | 159 | 0.81 | 0.84 | 1.18 |
| **Cu** | 149 | 0.45 | 0.43 | 0.70 |
| **Bi** | 146 | −0.01 | 0.03 | n/a |

*Table 1. Correlation between pXRF and laboratory analyses, Sabre–Falchion soils (pairs above detection in both methods).*

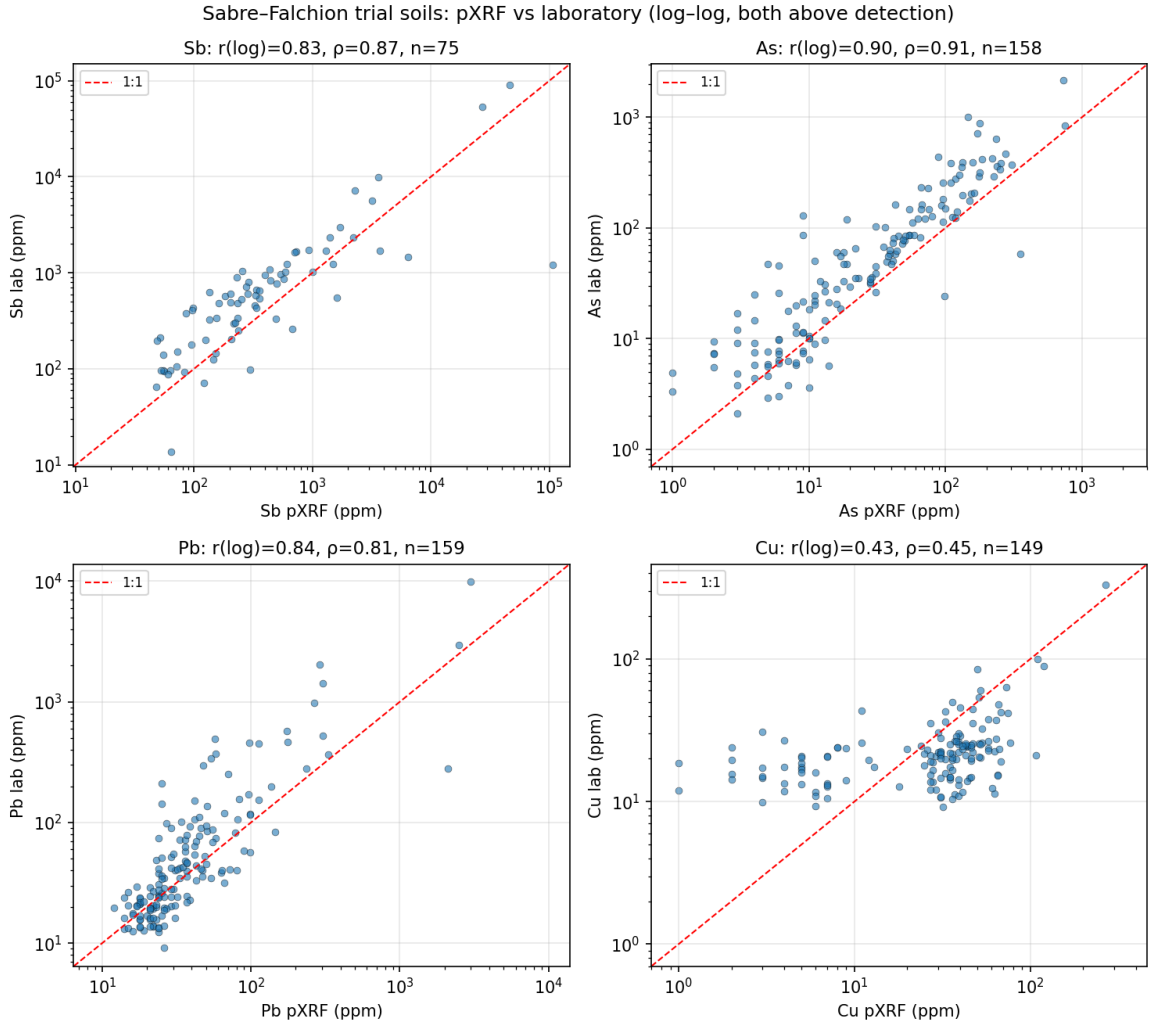


*Figure 2. pXRF vs laboratory assays (log–log) for Sb, As, Pb and Cu with 1:1 reference line.*

## PATHFINDER CORRELATION WITH GOLD

Both arsenic and antimony correlate with laboratory gold (Table 2). Arsenic is the stronger pathfinder in both datasets, and critically, pXRF arsenic performs almost as well as laboratory arsenic. This demonstrates that real-time pXRF arsenic data can vector toward gold mineralisation in the field, allowing infill sampling and target definition within a single field campaign. The strong Sb–As inter-element correlation (r(log) = 0.78) is consistent with a coherent gold–antimony–arsenic epizonal system across both prospects.

| Variable vs lab Au | n | Spearman ρ | Pearson r ($log_{10}$) |
|---|---|---|---|
| **As (laboratory)** | 168 | 0.86 | 0.84 |
| **As (pXRF)** | 148 | 0.83 | 0.81 |
| **Sb (laboratory)** | 168 | 0.72 | 0.72 |
| **Sb (pXRF)** | 75 | 0.44 | 0.33 |

*Table 2. Correlation of pathfinder elements with laboratory Au (detected values above detection limit only). The lower pXRF Sb correlation reflects censoring of low-level Sb below the pXRF detection limit.*

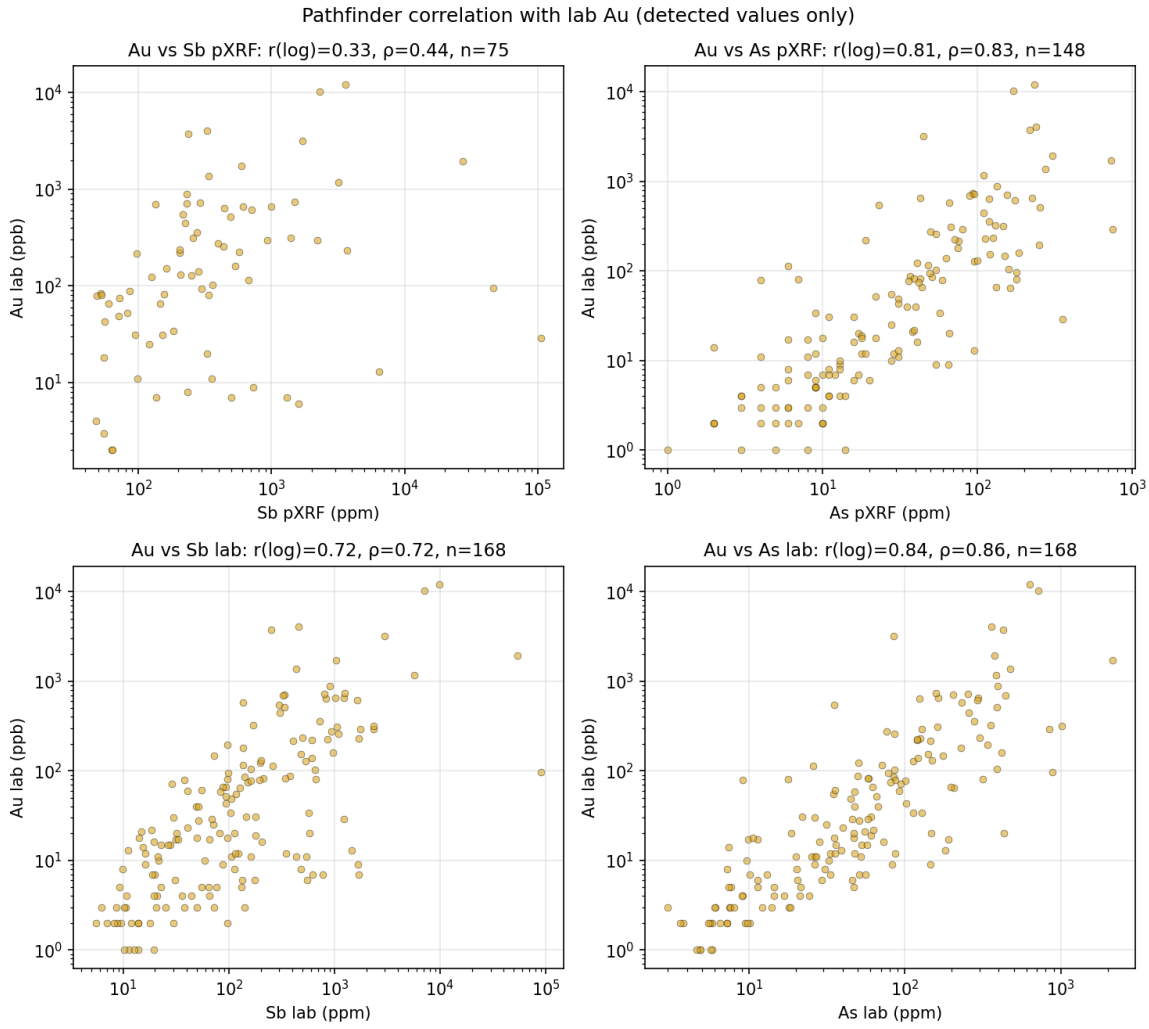


*Figure 3. Pathfinder elements (Sb, As; pXRF and laboratory) vs laboratory Au.*

## NEW ZONE OF MINERALISATION IDENTIFIED AT FALCHION

In addition to validating the pXRF technique, the soil program has defined a new, coherent gold–antimony-arsenic soil anomaly at Falchion, located approximately 180m to the northeast of the recent drilling (Figure 4). The anomaly is defined by more than a dozen contiguous samples over a strike length of at least 100 m and includes the highest antimony result of the entire program - 9.1% Sb in sample FS26070 - together with strongly anomalous arsenic (up to 1,011 ppm As) and gold (up to 314 ppb Au, with multiple samples above 200 ppb). The coincidence of all three elements, and its strength relative to the soil response over the drilled mineralisation to the southwest, suggests the anomaly reflects a previously unrecognised zone of gold-antimony mineralisation. The zone has recently been drill tested with results due in the next few weeks.

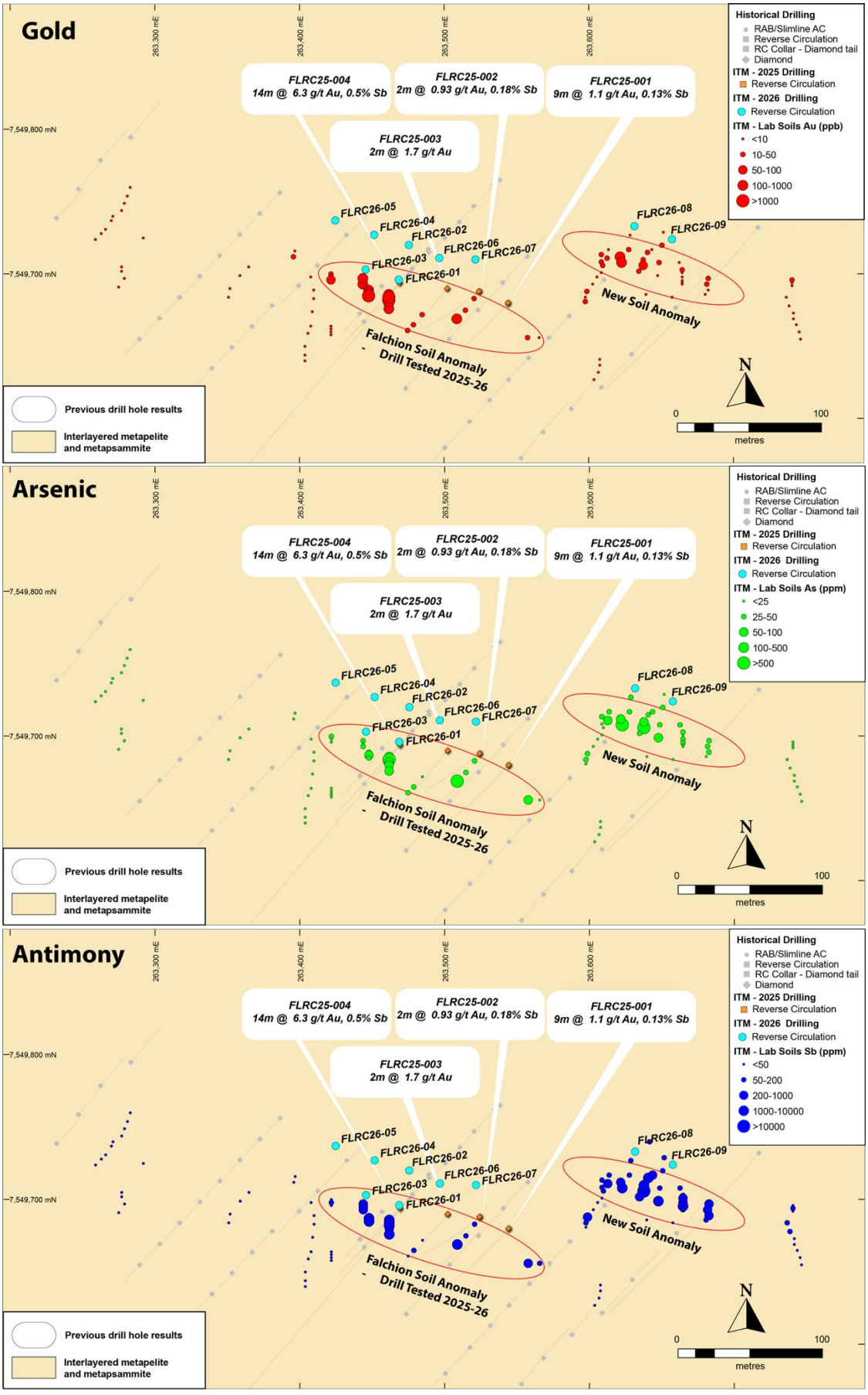


*Figure 4. Gold, Arsenic and Antimony laboratory soil results at the Falchion Prospect showing a newly identified second zone of mineralisation to the east.*

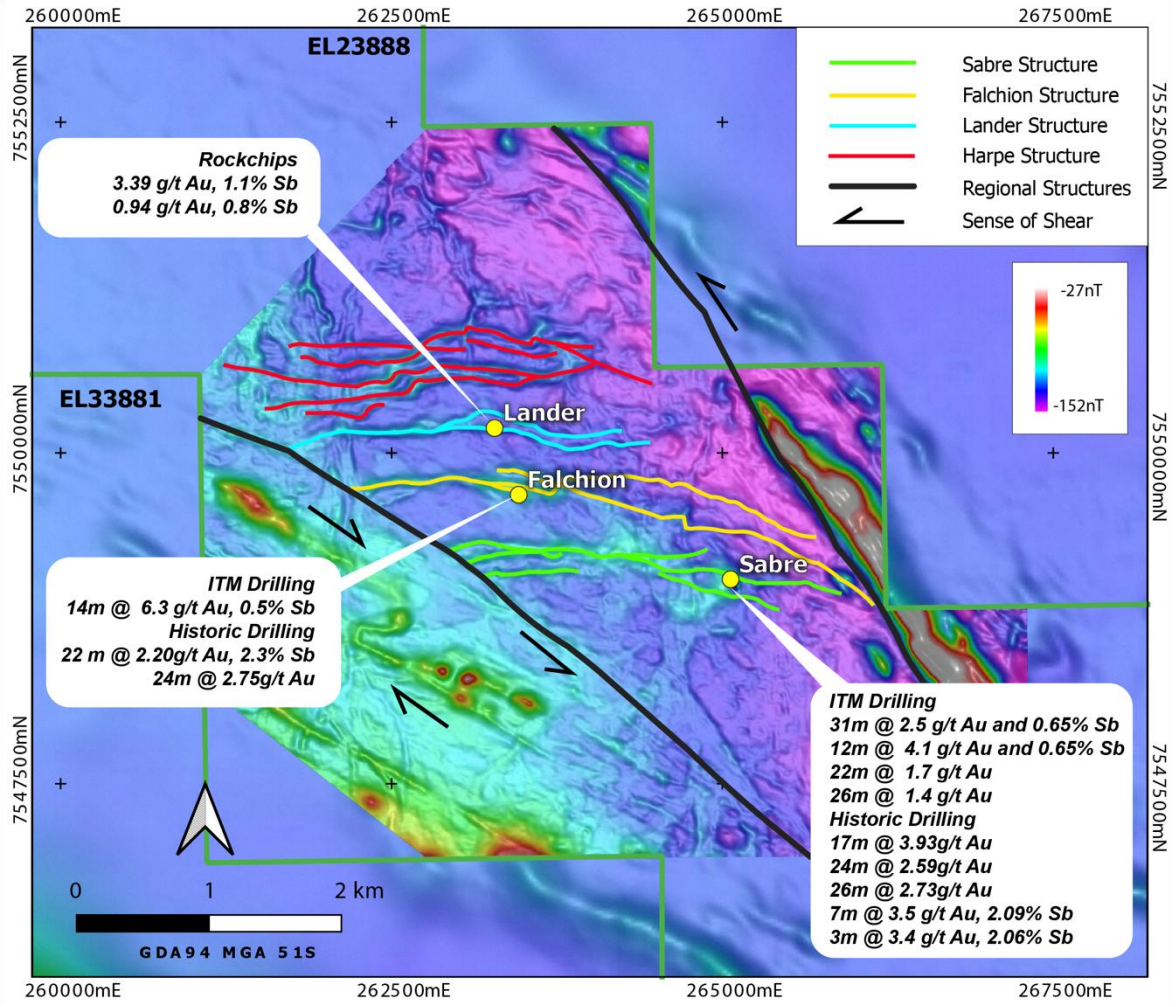


*Figure 5. New 25m ultra-detailed magnetics over historical 100m magnetics with structural interpretation and gold-antimony prospects (ASX, 12 January 2026, past drill results and rock chip data from, ASX: ITM 19 August 2025).*

## NEXT STEPS

- Roll out systematic pXRF-supported soil geochemistry across priority targets along the 42km Stafford Gold Trend
- Use real-time pXRF As (supported by Sb and Pb) for in-field anomaly definition, with laboratory low-level Au and multi-element analysis to confirm and quantify anomalies
- Integrate soil geochemistry with results from the current 56-hole, ~7,000 m drilling program at Reynolds Range
- Drilling is due to recommence at Reynolds Range on 20 July 2026 with results from the first phase of drilling due in the next 2-3 weeks.

For further information please contact the authorising officer Michael Schwarz:

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**ABOUT iTECH MINERALS LTD**

iTech Minerals Ltd (**ASX: ITM**, **iTech** or **Company**) is an ASX listed mineral exploration company exploring for and developing battery materials and critical minerals within its 100% owned Australian projects. The Company is exploring for gold-antimony and lithium in the Reynolds Range Project in the NT. The Company also has extensive exploration tenure prospective for graphite and developing the Lacroma and Campoona Graphite Deposits in South Australia.

**COMPETENT PERSON STATEMENT**

The information which relates to exploration results is based on and fairly represents information and supporting documentation compiled and reviewed by Michael Schwarz. Mr Schwarz 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' (the JORC Code). Mr Schwarz is a full-time employee of iTech Minerals Ltd and is a member of the Australian Institute of Geoscientists and the Australian Institute of Mining and Metallurgy. Mr Schwarz consents to the inclusion of the information in this report in the form and context in which it appears.

iTech confirms that the Company is not aware of any new information or data that materially affects the information included in the announcement:

1. iTech Minerals Ltd. (2024). 17m @ 3.93 g/t Au in Drilling and up to 20.3% Cu in Rock Chips Demonstrate Copper and Gold Potential at Reynolds Range, NT. ASX Release, 15 May 2024.
2. iTech Minerals Ltd. (2024). 182 g/t Au in Rock Chips from Reynolds Range, NT. ASX Release, 5 July 2024.
3. iTech Minerals Ltd. (2024). 18.2% Cu and 1,490 g/t Ag Rock Chips at Reynolds Range. ASX Release, 22 July 2024.
4. iTech Minerals Ltd. (2024). Drill Targets Defined at Scimitar Copper-Gold Prospect. ASX Release, 5 August 2024.
5. iTech Minerals Ltd. (2024). 22% Antimony at Sabre and 12.6% Antimony at Falchion, Reynolds Range, NT. ASX Release, 3 September 2024.
6. iTech Minerals Ltd. (2024). High Grade Copper and Gold at Reynolds Range Project. ASX Release, 6 September 2024.
7. iTech Minerals Ltd. (2024). Copper-Gold-Silver Prospectivity Extended at Reynolds Range. ASX Release, 26 September 2024.
8. iTech Minerals Ltd. (2024). Gold-Silver-Antimony Prospectivity Expanded at Reynolds Range. ASX Release, 23 October 2024.
9. iTech Minerals Ltd. (2025). Expanded Gold Prospectivity at the Sabre Prospect. ASX Release, 29 May 2025.
10. iTech Minerals Ltd. (2025). Compelling Electromagnetic Target Identified at Reward Gold Prospect, Reynolds Range. ASX Release, 7 July 2025.
11. iTech Minerals Ltd. (2025). High-Grade Antimony Identified at Sabre and Falchion Prospects, Reynolds Range. ASX Release, 19 August 2025.
12. iTech Minerals Ltd. (2025). New Geophysics Targets at Reynolds Range Antimony-Gold Project, NT. ASX Release, 22 August 2025.
13. iTech Minerals Ltd. (2025). Detailed Soils Define Antimony and Gold Potential at Reynolds Range, NT. ASX Release, 15 October 2025.
14. iTech Minerals Ltd. (2026). Sabre and Falchion Prospects Deliver High Grade Gold and Antimony in Drilling at Reynolds Range. ASX Release, 12 January 2026.

The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

## APPENDIX 1: ROCK CHIPS

### Soil Sample Results – Falchion and Sabre Prospects

| ID | Easting (m) | Northing (m) | As_XRF (ppm) | Sb_XRF (ppm) | Pb_XRF (ppm) | Cu_XRF (ppm) | Bi_XRF (ppm) | Au (ppb) | As (ppm) | Sb (ppm) | Pb (ppm) | Bi (ppm) | Cu (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FS26001 | 263628 | 7549727 | 13 | 0 | 36 | 30 | 13 | 9 | 26.5 | 87.11 | 48.3 | 0.38 | 30.6 |
| **FS26002** | **263461** | **7549686** | **67** | **257** | **66** | **44** | **24** | **313** | **162.2** | **1046.63** | **119.5** | **0.59** | **24.3** |
| **FS26003** | **263461** | **7549684** | **171** | **2300** | **98** | **36** | **17** | **10258** | **717.2** | **7151.92** | **457.4** | **1.74** | **49.9** |
| **FS26004** | **263461** | **7549682** | **110** | **3200** | **136** | **27** | **16** | **1180** | **384.6** | **5688.36** | **199.7** | **0.83** | **35.6** |
| FS26005 | 263461 | 7549680 | 185 | 537 | 112 | 73 | 17 | 160 | 414.9 | 969.87 | 154.9 | 0.39 | 63.6 |
| FS26006 | 263461 | 7549678 | 11 | 152 | 81 | 47 | 16 | 31 | 22 | 145.42 | 105.9 | 0.42 | 22.2 |
| **FS26007** | **263461** | **7549676** | **43** | **613** | **176** | **268** | **13** | **659** | **163.4** | **1223.88** | **462.8** | **1.37** | **331.7** |
| **FS26008** | **263443** | **7549697** | **23** | **217** | **99** | **28** | **12** | **548** | **35.3** | **297.89** | **116.9** | **0.72** | **18.8** |
| FS26009 | 263443 | 7549695 | 7 | 337 | 58 | 0 | 12 | 81 | 17.9 | 667.95 | 74 | 0.15 | 9 |
| FS26010 | 263443 | 7549693 | 6 | 675 | 146 | 2 | 9 | 114 | 25.7 | 258.21 | 83.3 | 0.43 | 15.6 |
| FS26011 | 263447 | 7549689 | 41 | 126 | 22 | 36 | 21 | 123 | 50.4 | 199.48 | 19.2 | 0.12 | 19.7 |
| **FS26012** | **263447** | **7549687** | **112** | **3700** | **47** | **58** | **19** | **231** | **124.9** | **1708.69** | **40.1** | **0.36** | **37.8** |
| **FS26013** | **263447** | **7549685** | **45** | **1700** | **25** | **3** | **22** | **3185** | **84.4** | **2989.58** | **143** | **0.84** | **31** |
| FS26014 | 263421 | 7549700 | 18 | 0 | 20 | 46 | 14 | 12 | 33.1 | 16.14 | 16.8 | 0.14 | 19.4 |
| FS26015 | 263421 | 7549698 | 8 | 0 | 14 | 37 | 21 | 17 | 11.3 | 65.18 | 16.1 | 0.29 | 11.2 |
| FS26016 | 263421 | 7549696 | 4 | 0 | 29 | 47 | 17 | 79 | 9.1 | 37.83 | 20.3 | 0.58 | 44.5 |
| FS26017 | 263421 | 7549664 | 13 | 0 | 21 | 39 | 31 | 4 | 14.5 | 20.79 | 15.6 | 0.23 | 26.2 |
| FS26018 | 263421 | 7549662 | 14 | 0 | 22 | 9 | 25 | 4 | 21.1 | 36.06 | 13.7 | 0.27 | 23.8 |
| FS26019 | 263421 | 7549660 | 3 | 0 | 24 | 1 | 14 | 1 | 4.8 | 11.26 | 12.4 | 0.23 | 11.9 |
| FS26020 | 263421 | 7549658 | 9 | 0 | 0 | 31 | 12 | 5 | 7.7 | 9.27 | 17.1 | 0.28 | 10.7 |
| FS26021 | 263403 | 7549640 | 0 | 0 | 26 | 18 | 18 | X | 2.7 | 4.85 | 9.2 | 0.25 | 12.7 |
| FS26022 | 263403 | 7549644 | 0 | 0 | 22 | 6 | 21 | X | 3.8 | 7.63 | 13.9 | 0.29 | 11.6 |
| FS26023 | 263403 | 7549650 | 6 | 0 | 0 | 0 | 16 | 3 | 3 | 6.27 | 19.4 | 0.68 | 12 |
| FS26024 | 263405 | 7549659 | 5 | 0 | 14 | 36 | 19 | X | 2.9 | 4.81 | 13.2 | 0.26 | 10.4 |
| FS26025 | 263407 | 7549664 | 7 | 0 | 18 | 29 | 32 | 2 | 3.8 | 9.57 | 21.3 | 0.48 | 21 |
| FS26026 | 263408 | 7549674 | 1 | 0 | 24 | 7 | 26 | X | 3.3 | 6.44 | 13.6 | 0.25 | 10.5 |
| FS26027 | 263409 | 7549683 | 4 | 0 | 23 | 39 | 31 | 3 | 7.5 | 10.62 | 19.9 | 0.14 | 11 |
| FS26028 | 263409 | 7549689 | 10 | 0 | 24 | 0 | 32 | 2 | 10.1 | 13.89 | 13.4 | 0.21 | 11 |
| FS26029 | 263407 | 7549698 | 4 | 0 | 19 | 32 | 10 | 2 | 5.8 | 7.06 | 12.8 | 0.23 | 9.2 |
| FS26030 | 263395 | 7549712 | 17 | 0 | 43 | 110 | 13 | 20 | 18.7 | 31.84 | 43.8 | 0.4 | 100.6 |
| FS26031 | 263396 | 7549716 | 0 | 0 | 63 | 68 | 11 | 3 | 18.1 | 25.11 | 38.5 | 0.38 | 42.6 |
| **FS26032** | **263508** | **7549669** | **750** | **2200** | **2500** | **119** | **0** | **294** | **847.2** | **2357.7** | **2944.4** | **1.59** | **89.1** |
| FS26033 | 263514 | 7549675 | 28 | 121 | 99 | 44 | 16 | 25 | 31.2 | 71.7 | 56.5 | 0.15 | 24.7 |
| FS26034 | 263520 | 7549683 | 16 | 95 | 78 | 77 | 20 | 31 | 60.6 | 178.36 | 82.9 | 0.22 | 26 |
| FS26035 | 263605 | 7549698 | 3 | 0 | 29 | 0 | 19 | 4 | 16.8 | 44.36 | 52.1 | 0.31 | 17.2 |
| FS26036 | 263602 | 7549693 | 99 | 0 | 23 | 63 | 29 | X | 24.3 | 23.82 | 48.6 | 0.41 | 11.4 |
| FS26037 | 263598 | 7549688 | 9 | 0 | 25 | 7 | 17 | 12 | 86.4 | 346.74 | 209.8 | 0.62 | 13.4 |
| FS26038 | 263597 | 7549684 | 5 | 0 | 29 | 28 | 29 | 5 | 47.1 | 54.84 | 90.1 | 0.42 | 16.7 |
| FS26039 | 263597 | 7549681 | 2 | 0 | 22 | 35 | 32 | 14 | 7.4 | 15.48 | 20.4 | 0.38 | 17.5 |
| FS26040 | 263641 | 7549740 | 9 | 0 | 31 | 7 | 17 | 5 | 21.5 | 64.38 | 40.2 | 0.34 | 20.9 |
| FS26041 | 263651 | 7549729 | 11 | 0 | 64 | 43 | 25 | 8 | 20.3 | 113.32 | 40.4 | 0.49 | 21.1 |
| FS26042 | 263650 | 7549720 | 31 | 0 | 26 | 47 | 0 | 11 | 26.4 | 104.58 | 34.5 | 0.38 | 35.4 |
| FS26043 | 263648 | 7549708 | 18 | 0 | 46 | 24 | 0 | 19 | 60.6 | 178.56 | 90.6 | 0.5 | 24.6 |
| **FS26044** | **263647** | **7549699** | **54** | **725** | **304** | **8** | **32** | **9** | **146.4** | **1664.66** | **1432.2** | **2.27** | **23.9** |
| FS26045 | 263639 | 7549686 | 0 | 0 | 23 | 33 | 22 | X | 6.6 | 19.06 | 20.8 | 0.35 | 15.8 |
| FS26046 | 263657 | 7549684 | 8 | 0 | 17 | 0 | 16 | 1 | 5.8 | 19.58 | 20.5 | 0.37 | 16.2 |
| FS26047 | 263664 | 7549693 | 9 | 0 | 24 | 4 | 18 | 5 | 11.3 | 130.58 | 30.9 | 0.29 | 11.8 |
| FS26048 | 263664 | 7549698 | 13 | 234 | 30 | 0 | 10 | 8 | 30.8 | 480.34 | 55.3 | 0.32 | 34.7 |
| **FS26049** | **263664** | **7549695** | **12** | **1300** | **51** | **37** | **22** | **7** | **33.1** | **1690.16** | **84.9** | **0.49** | **26.6** |
| FS26050 | 263664 | 7549694 | 2 | 63 | 17 | 1 | 0 | 2 | 9.4 | 96.83 | 29.5 | 0.25 | 18.6 |
| FS26051 | 263664 | 7549701 | 16 | 1600 | 45 | 30 | 25 | 6 | 20.5 | 551.72 | 77 | 0.63 | 22.3 |
| FS26052 | 263664 | 7549703 | 22 | 55 | 66 | 8 | 0 | 18 | 35 | 96.11 | 31.6 | 0.25 | 24 |
| FS26053 | 263662 | 7549708 | 20 | 0 | 33 | 53 | 0 | 6 | 29.4 | 133.94 | 42.2 | 0.51 | 32.3 |
| FS26054 | 263740 | 7549696 | 6 | 0 | 47 | 52 | 16 | 17 | 9.9 | 31.33 | 35.5 | 0.45 | 20.4 |
| FS26055 | 263740 | 7549694 | 3 | 0 | 80 | 38 | 0 | 3 | 12.1 | 50.03 | 39.9 | 0.43 | 19.9 |
| FS26056 | 263740 | 7549692 | 9 | 0 | 37 | 36 | 26 | 6 | 11.4 | 31.05 | 39.7 | 0.53 | 21.7 |
| FS26057 | 263736 | 7549684 | 4 | 0 | 42 | 31 | 21 | 5 | 14.5 | 76.89 | 63.4 | 0.47 | 22.1 |
| FS26058 | 263738 | 7549678 | 0 | 0 | 90 | 27 | 16 | 3 | 14 | 72.78 | 58.4 | 2.03 | 19 |
| FS26059 | 263741 | 7549673 | 6 | 0 | 24 | 35 | 10 | 2 | 9.8 | 29.84 | 37.8 | 0.53 | 14.3 |
| FS26060 | 263741 | 7549669 | 8 | 0 | 24 | 4 | 20 | 3 | 6.1 | 20.42 | 24.9 | 0.31 | 17.4 |
| FS26061 | 263743 | 7549665 | 5 | 0 | 18 | 5 | 16 | X | 5.9 | 15 | 23.6 | 0.36 | 17.5 |
| FS26062 | 263745 | 7549660 | 5 | 0 | 21 | 0 | 22 | 2 | 5.6 | 11.96 | 19.7 | 0.38 | 19.9 |
| FS26063 | 263746 | 7549655 | 1 | 0 | 25 | 27 | 20 | 1 | 4.9 | 10.27 | 16.9 | 0.41 | 15.4 |
| FS26064 | 263613 | 7549717 | 6 | 0 | 42 | 65 | 16 | 6 | 45.7 | 175.01 | 151.5 | 0.47 | 15.5 |
| FS26065 | 263612 | 7549711 | 9 | 183 | 112 | 6 | 11 | 34 | 128.4 | 573.43 | 451.7 | 1.32 | 16.1 |
| FS26066 | 263609 | 7549706 | 10 | 0 | 49 | 33 | 22 | 18 | 10.6 | 50.24 | 52.9 | 0.25 | 19.8 |
| FS26067 | 263608 | 7549701 | 3 | 0 | 25 | 35 | 12 | 4 | 9.1 | 19.47 | 50.7 | 0.32 | 14.8 |
| FS26068 | 263608 | 7549708 | 8 | 0 | 42 | 5 | 22 | 11 | 19.9 | 162.23 | 106.5 | 1.64 | 20.9 |
| FS26069 | 263608 | 7549713 | 19 | 0 | 99 | 46 | 24 | 12 | 47.4 | 123.94 | 116.3 | 0.41 | 20.2 |
| **FS26070** | **263637** | **7549706** | **179** | **46300** | **3000** | **51** | **0** | **96** | **885.4** | **90698** | **9907.6** | **0.92** | **53.9** |
| FS26071 | 263634 | 7549702 | 4 | 98 | 27 | 29 | 0 | 11 | 25.2 | 431.95 | 97.8 | 0.37 | 12.2 |
| **FS26072** | **263637** | **7549710** | **96** | **6400** | **175** | **12** | **0** | **13** | **181.3** | **1453.21** | **570.4** | **2.09** | **19.5** |
| **FS26073** | **263640** | **7549715** | **354** | **106300** | **2100** | **108** | **0** | **29** | **57.9** | **1217.99** | **280** | **0.36** | **21.2** |

| ID | Easting (m) | Northing (m) | As_XRF (ppm) | Sb_XRF (ppm) | Pb_XRF (ppm) | Cu_XRF (ppm) | Bi_XRF (ppm) | Au (ppb) | As (ppm) | Sb (ppm) | Pb (ppm) | Bi (ppm) | Cu (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FS26074 | 263643 | 7549717 | 11 | 136 | 50 | 68 | 12 | 7 | 50.7 | 623.57 | 93.8 | 0.34 | 19 |
| **FS26075** | **263622** | **7549708** | **146** | **1400** | **291** | **66** | **0** | **314** | **1011.4** | **2356.82** | **2040.5** | **0.85** | **47.8** |
| **FS26076** | **263621** | **7549712** | **19** | **204** | **54** | **5** | **13** | **222** | **120.1** | **608.71** | **338** | **0.46** | **18.7** |
| FS26077 | 263627 | 7549717 | 29 | 0 | 33 | 64 | 17 | 12 | 35.8 | 114.76 | 72.1 | 0.43 | 37.4 |
| FS26078 | 263682 | 7549689 | 17 | 496 | 45 | 3 | 9 | 7 | 55.8 | 778.93 | 110.5 | 0.6 | 17.2 |
| FS26079 | 263680 | 7549686 | 10 | 55 | 24 | 63 | 17 | 3 | 18.4 | 141.53 | 41.6 | 0.44 | 22.4 |
| FS26080 | 263682 | 7549697 | 16 | 0 | 32 | 4 | 19 | 16 | 28.1 | 204.92 | 40.8 | 0.81 | 27 |
| FS26081 | 263681 | 7549693 | 0 | 355 | 34 | 43 | 14 | 11 | 52 | 541.27 | 100.9 | 0.67 | 25 |
| FS26082 | 263557 | 7549656 | 66 | 329 | 305 | 50 | 25 | 20 | 148.1 | 583.61 | 522.5 | 0.91 | 85.2 |
| FS26083 | 263565 | 7549656 | 11 | 48 | 35 | 36 | 31 | 4 | 24.4 | 65.45 | 42.5 | 0.36 | 20.3 |
| FS26084 | 263603 | 7549627 | 5 | 0 | 18 | 3 | 12 | 3 | 7.6 | 37.7 | 21.1 | 0.37 | 14.7 |
| FS26085 | 263606 | 7549632 | 8 | 0 | 26 | 58 | 26 | 7 | 13 | 19.99 | 19.7 | 0.36 | 23.6 |
| FS26086 | 263607 | 7549637 | 10 | 0 | 12 | 27 | 24 | 7 | 10.1 | 18.86 | 19.5 | 0.38 | 21.1 |
| FS26087 | 263607 | 7549641 | 9 | 0 | 27 | 5 | 20 | 5 | 7.4 | 22.91 | 19.3 | 0.32 | 16.9 |
| FS26088 | 263474 | 7549661 | 35 | 0 | 18 | 33 | 27 | 40 | 67.4 | 48.8 | 23.9 | 0.26 | 43 |
| FS26089 | 263478 | 7549665 | 28 | 0 | 30 | 31 | 22 | 10 | 32.4 | 58.89 | 28.3 | 0.43 | 27.8 |
| FS26090 | 263484 | 7549672 | 13 | 0 | 0 | 31 | 8 | 10 | 9.7 | 21.57 | 24.9 | 0.25 | 10.8 |
| FS26091 | 263350 | 7549684 | 3 | 0 | 0 | 3 | 18 | X | 2.1 | 6.24 | 12.1 | 0.27 | 9.9 |
| FS26092 | 263351 | 7549690 | 0 | 0 | 21 | 9 | 17 | X | 2.2 | 8.99 | 13.8 | 0.2 | 14.1 |
| FS26093 | 263358 | 7549699 | 6 | 0 | 21 | 40 | 31 | X | 7.8 | 29.12 | 16.2 | 0.46 | 28.9 |
| FS26094 | 263364 | 7549705 | 5 | 0 | 16 | 2 | 36 | 1 | 4.6 | 13.83 | 17.6 | 0.49 | 14.3 |
| FS26095 | 263276 | 7549705 | 0 | 0 | 31 | 20 | 24 | 2 | 7.2 | 8.71 | 16.2 | 0.46 | 23.3 |
| FS26096 | 263278 | 7549697 | 2 | 64 | 21 | 11 | 23 | 2 | 5.5 | 13.8 | 28.8 | 0.35 | 25.9 |
| FS26097 | 263276 | 7549702 | 10 | 0 | 0 | 45 | 31 | 2 | 6.5 | 17.77 | 13.1 | 0.34 | 14.7 |
| FS26098 | 263274 | 7549691 | 14 | 0 | 21 | 67 | 26 | 1 | 5.7 | 12.73 | 18.7 | 0.2 | 23.3 |
| FS26099 | 263258 | 7549724 | 7 | 0 | 18 | 2 | 28 | X | 6.3 | 14.56 | 21.7 | 0.38 | 19.6 |
| FS26100 | 263262 | 7549728 | 6 | 0 | 17 | 5 | 25 | X | 6.4 | 17.31 | 20.3 | 0.36 | 16 |
| FS26101 | 263265 | 7549731 | 6 | 0 | 15 | 31 | 12 | 3 | 6 | 10.17 | 20.6 | 0.48 | 21.2 |
| FS26102 | 263269 | 7549737 | 10 | 0 | 0 | 4 | 16 | 2 | 3.6 | 5.52 | 15.1 | 0.27 | 13.4 |
| FS26103 | 263270 | 7549740 | 4 | 0 | 18 | 3 | 23 | X | 4.4 | 8.77 | 15.8 | 0.38 | 15 |
| FS26104 | 263276 | 7549744 | 2 | 0 | 23 | 39 | 16 | 2 | 7.2 | 8.13 | 15.8 | 0.43 | 22.2 |
| FS26105 | 263278 | 7549749 | 6 | 0 | 18 | 41 | 15 | 8 | 7.2 | 9.8 | 15.7 | 0.4 | 23.3 |
| FS26106 | 263280 | 7549754 | 0 | 0 | 22 | 53 | 21 | 3 | 8 | 8.55 | 16.1 | 0.44 | 25.8 |
| FS26107 | 263282 | 7549760 | 11 | 0 | 0 | 35 | 18 | 4 | 9 | 10.8 | 15 | 0.33 | 25.1 |
| FS26108 | 263291 | 7549725 | 3 | 0 | 18 | 28 | 29 | X | 3.8 | 11.63 | 13.5 | 0.43 | 13.8 |
| **SS26001** | **265038** | **7549071** | **155** | **232** | **32** | **51** | **19** | **711** | **204.2** | **337.12** | **24.2** | **0.16** | **25.5** |
| **SS26002** | **265032** | **7549070** | **234** | **3600** | **83** | **47** | **16** | **12113** | **632.6** | **9817.54** | **155.7** | **1.08** | **25.5** |
| **SS26003** | **265027** | **7549069** | **729** | **593** | **42** | **33** | **28** | **1730** | **2155.7** | **1030.47** | **54.3** | **0.79** | **36.2** |
| **SS26004** | **265021** | **7549067** | **226** | **999** | **25** | **46** | **20** | **659** | **294.3** | **1020.25** | **36** | **0.58** | **24.1** |
| **SS26005** | **265018** | **7549063** | **175** | **708** | **51** | **7** | **20** | **612** | **290.9** | **1628.46** | **135.7** | **0.48** | **20.6** |
| **SS26006** | **265017** | **7549058** | **93** | **1500** | **36** | **39** | **24** | **738** | **158.6** | **1244.05** | **72.4** | **0.34** | **13** |
| **SS26007** | **265017** | **7549054** | **80** | **933** | **36** | **6** | **11** | **295** | **127.8** | **1742.02** | **57.7** | **0.34** | **10.9** |
| **SS26008** | **265017** | **7549050** | **54** | **437** | **37** | **39** | **25** | **257** | **85.7** | **1086.76** | **35.6** | **0.28** | **14.2** |
| **SS26009** | **265016** | **7549045** | **50** | **398** | **46** | **41** | **10** | **277** | **76.4** | **941.39** | **41.7** | **0.26** | **11.6** |
| SS26010 | 265016 | 7549040 | 54 | 360 | 37 | 35 | 26 | 102 | 86 | 658.25 | 46 | 0.37 | 14.9 |
| SS26011 | 265006 | 7549071 | 76 | 97 | 24 | 46 | 14 | 218 | 146.4 | 406.33 | 24.1 | 0.28 | 24.8 |
| SS26012 | 265003 | 7549068 | 121 | 163 | 25 | 51 | 29 | 153 | 140.8 | 479.51 | 33.9 | 0.56 | 20.7 |
| SS26013 | 264999 | 7549062 | 96 | 251 | 22 | 35 | 21 | 128 | 113.1 | 535.97 | 27 | 0.86 | 21.9 |
| SS26014 | 264992 | 7549058 | 37 | 86 | 25 | 0 | 23 | 88 | 49.6 | 377.17 | 26.1 | 0.4 | 19.1 |
| SS26015 | 264986 | 7549052 | 43 | 156 | 26 | 36 | 32 | 82 | 58.6 | 341.54 | 28.5 | 0.36 | 16.6 |
| SS26016 | 264973 | 7549063 | 28 | 0 | 31 | 0 | 25 | 55 | 34.8 | 117.67 | 20.5 | 0.38 | 15.9 |
| SS26017 | 264977 | 7549072 | 39 | 52 | 26 | 26 | 40 | 83 | 57.9 | 211.67 | 24.2 | 0.47 | 23 |
| SS26018 | 264982 | 7549077 | 31 | 71 | 26 | 5 | 16 | 49 | 44.8 | 105.76 | 18.8 | 0.41 | 20.3 |
| SS26019 | 264983 | 7549083 | 44 | 0 | 16 | 58 | 21 | 66 | 62 | 93.48 | 17.2 | 0.33 | 22.8 |
| SS26020 | 264987 | 7549088 | 48 | 0 | 29 | 31 | 26 | 117 | 71.5 | 135.84 | 24.3 | 0.32 | 22.4 |
| **SS26021** | **265010** | **7549078** | **219** | **236** | **29** | **0** | **23** | **3760** | **426.1** | **252.36** | **42.1** | **0.7** | **24.5** |
| **SS26022** | **265011** | **7549081** | **71** | **571** | **24** | **25** | **25** | **225** | **120.3** | **860.62** | **27.7** | **0.28** | **17.9** |
| SS26023 | 265015 | 7549086 | 51 | 0 | 24 | 52 | 16 | 85 | 84.6 | 141.55 | 23.9 | 0.56 | 25.2 |
| SS26024 | 265018 | 7549090 | 49 | 297 | 21 | 2 | 13 | 94 | 78.2 | 97.7 | 24.6 | 0.36 | 23.9 |
| SS26025 | 265019 | 7549095 | 31 | 56 | 15 | 39 | 13 | 43 | 102.3 | 93.84 | 26.6 | 0.47 | 25.2 |
| SS26026 | 265021 | 7549100 | 57 | 0 | 14 | 0 | 10 | 34 | 112.6 | 103.19 | 23.9 | 0.44 | 26.2 |
| SS26027 | 264990 | 7549094 | 59 | 49 | 37 | 58 | 0 | 79 | 86.6 | 195.85 | 24.6 | 0.52 | 26.4 |
| SS26028 | 264993 | 7549100 | 42 | 72 | 19 | 43 | 0 | 74 | 81.3 | 150.57 | 22 | 0.44 | 25.4 |
| SS26029 | 264997 | 7549104 | 22 | 83 | 0 | 0 | 0 | 52 | 65.6 | 93.13 | 27.8 | 0.52 | 23.5 |
| SS26030 | 264999 | 7549107 | 40 | 0 | 21 | 75 | 0 | 40 | 47.4 | 51.3 | 19.4 | 0.45 | 41.6 |
| SS26031 | 264883 | 7549184 | 41 | 0 | 18 | 7 | 19 | 16 | 73.2 | 19.35 | 13.7 | 0.79 | 12.8 |
| SS26032 | 264878 | 7549193 | 31 | 0 | 15 | 6 | 14 | 13 | 38.9 | 11.12 | 13.3 | 0.25 | 9.3 |
| SS26033 | 264901 | 7549194 | 18 | 0 | 18 | 0 | 12 | 18 | 46.8 | 14.21 | 16.8 | 0.37 | 11.1 |
| SS26034 | 264911 | 7549174 | 65 | 0 | 16 | 0 | 25 | 9 | 82.4 | 16.19 | 12.6 | 0.32 | 8.4 |
| SS26035 | 264915 | 7549171 | 38 | 0 | 26 | 0 | 42 | 21 | 55.4 | 14.81 | 13.9 | 0.29 | 7.9 |
| SS26036 | 264922 | 7549176 | 39 | 0 | 39 | 13 | 27 | 22 | 62.9 | 18.63 | 22.8 | 0.76 | 17.6 |
| **SS26037** | **265051** | **7549051** | **238** | **328** | **50** | **11** | **36** | **4038** | **358.6** | **454.46** | **45.4** | **0.21** | **43.2** |
| **SS26038** | **265044** | **7549049** | **306** | **27200** | **96** | **40** | **17** | **1956** | **374.8** | **53729** | **171.6** | **0.65** | **45.9** |
| **SS26039** | **265044** | **7549044** | **119** | **443** | **55** | **27** | **16** | **638** | **124** | **835.66** | **69.3** | **0.36** | **13.8** |
| **SS26040** | **265041** | **7549040** | **96** | **290** | **55** | **39** | **21** | **726** | **254.5** | **798** | **87.7** | **1.57** | **30.3** |
| SS26041 | 265037 | 7549035 | 63 | 283 | 36 | 61 | 12 | 140 | 121.2 | 610.03 | 63.2 | 0.5 | 12.4 |

| ID | Easting (m) | Northing (m) | As_XRF (ppm) | Sb_XRF (ppm) | Pb_XRF (ppm) | Cu_XRF (ppm) | Bi_XRF (ppm) | Au (ppb) | As (ppm) | Sb (ppm) | Pb (ppm) | Bi (ppm) | Cu (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SS26042 | 265034 | 7549029 | 36 | 0 | 37 | 7 | 0 | 77 | 101 | 162.14 | 46.4 | 0.38 | 13.1 |
| **SS26043** | **265064** | **7549042** | **119** | **275** | **43** | **0** | **0** | **356** | **279.3** | **721.26** | **33** | **0.3** | **31** |
| SS26044 | 265068 | 7549048 | 100 | 206 | 37 | 31 | 0 | 130 | 148.9 | 202.61 | 21.9 | 0.28 | 14.7 |
| **SS26045** | **265072** | **7549051** | **254** | **492** | **72** | **52** | **38** | **515** | **388** | **335.17** | **40.7** | **2.82** | **60.5** |
| SS26046 | 265075 | 7549055 | 163 | 146 | 33 | 64 | 13 | 65 | 206 | 126.5 | 34.5 | 0.56 | 27.4 |
| SS26047 | 265081 | 7549057 | 133 | 60 | 29 | 38 | 39 | 66 | 196.1 | 88.1 | 28 | 0.43 | 28.8 |
| **SS26048** | **265062** | **7549039** | **126** | **204** | **24** | **38** | **14** | **235** | **301.6** | **494.03** | **73.8** | **0.77** | **26.6** |
| **SS26049** | **265057** | **7549034** | **274** | **337** | **330** | **0** | **31** | **1375** | **471.9** | **432.98** | **367.3** | **0.5** | **15.7** |
| SS26050 | 265063 | 7549028 | 179 | 53 | 54 | 44 | 26 | 81 | 314.8 | 96.73 | 34.5 | 0.37 | 14 |
| SS26051 | 265063 | 7549021 | 250 | 0 | 43 | 31 | 22 | 195 | 338.1 | 96.54 | 69.6 | 0.47 | 21.8 |
| SS26052 | 265059 | 7549017 | 159 | 0 | 39 | 31 | 20 | 105 | 390.3 | 161.91 | 93.1 | 0.49 | 20.1 |
| **SS26053** | **265053** | **7549007** | **110** | **224** | **235** | **41** | **25** | **445** | **255.3** | **305.49** | **280** | **0.4** | **24.7** |
| **SS26054** | **265050** | **7549002** | **134** | **231** | **266** | **0** | **26** | **890** | **392** | **904.61** | **978** | **0.61** | **17** |
| **SS26055** | **265048** | **7548999** | **89** | **135** | **57** | **65** | **15** | **698** | **440.7** | **325.03** | **496.4** | **0.64** | **15.3** |
| **SS26056** | **265042** | **7548994** | **131** | **0** | **58** | **27** | **0** | **322** | **356.3** | **169.9** | **372.8** | **0.45** | **12.2** |
| SS26057 | 265039 | 7548989 | 75 | 0 | 70 | 5 | 14 | 182 | 229.5 | 136.08 | 250.6 | 0.66 | 13.3 |
| SS26058 | 265031 | 7548978 | 151 | 0 | 37 | 25 | 0 | 147 | 175.6 | 72.7 | 79 | 0.33 | 21.8 |
| **SS26059** | **265030** | **7548972** | **66** | **0** | **48** | **46** | **21** | **581** | **231.9** | **136.72** | **297** | **0.6** | **14.8** |

## APPENDIX 2: JORC TABLE 1 REYNOLDS RANGE

## SECTION 1: SAMPLING TECHNIQUES AND DATA

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

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| **Sampling techniques** | *Nature and quality of sampling (e.g. 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.* | Soil samples (n=182) were collected from the Sabre and Falchion prospects, Reynolds Range Project, NT (sample prefixes SS and FS respectively).<br>Samples were collected by ATV mounted electric auger from depths of 0.1–1.0 m (typically 0.2–0.8 m), below surficial cover. |
| | *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used* | All samples were analysed in the field for Sb, As, Pb, Cu and Bi using a Thermo Scientific Niton XL3t pXRF analyser operating in Geochem mode, with a total analysis time of 30 seconds per sample. Analyses were conducted directly through the wall of the calico sample bag on homogenised material. The instrument was standardised at the start of each day using the inbuilt calibration check, and analytical performance was monitored with a silica blank and certified reference materials analysed at regular intervals. pXRF results are considered semi-quantitative screening data used for field targeting; all reported assay values are from subsequent laboratory analysis.<br>All samples were analysed for 48 elements and an additional 12 REEs, at Intertek Laboratories, by the 4A/MS method. Over limit samples were resubmitted for 4AHBr/OE and 4AHBr/MS to obtain accurate results of high-grade samples. All samples were also submitted for gold analysis using the FA50N/MS method which is considered a total digestion method. |
| | *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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information* | Each sample weighed approximately 1-2kg. The whole soil sample was analysed by both pXRF and laboratory analytical techniques. No sieving or size fraction work was undertaken<br><br>The nature of gold and antimony mineralisation could be variable and include high grade quartz veins, massive sulphide and disseminated sulphide typical of other deposits in the area. The orientation of mineralisation is not yet confirmed. Mineralisation shows a correlation to sulphide and veining, in particular arsenopyrite, pyrite, galena, and quartz veining. |
| **Drilling techniques** | *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).* | No drilling is being reported in this release |
| **Drill sample recovery** | *Method of recording and assessing core and chip sample recoveries and results assessed* | No drilling is being reported in this release |
| | *Measures taken to maximise sample recovery and ensure representative nature of the samples* | No drilling is being reported in this release |
| | *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.* | No drilling is being reported in this release |
| **Logging** | *Whether core and chip samples have been geologically and geo-technically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* | Sample sites were logged for regolith setting, sample depth, and material type at the time of collection. |
| | *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* | No drilling is being reported in this release |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *The total length and percentage of the relevant intersections logged* | No drilling is being reported in this release |
| **Sub-sampling techniques and sample preparation** | *If core, whether cut or sawn and whether quarter, half or all core taken.* | No drilling is being reported in this release |
| | *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.* | No drilling is being reported in this release |
| | *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* | No drilling is being reported in this release |
| | *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* | No drilling is being reported in this release |
| | *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.* | pXRF analyses were conducted through the calico sample bag on homogenised material in the field.<br>Laboratory samples were oven dried, and pulverised/sieved as per standard laboratory soil preparation. |
| | *Whether sample sizes are appropriate to the grain size of the material being sampled.* | Sample sizes are considered appropriate for the grain size of the material sampled and the style of mineralisation targeted. |
| **Quality of assay data and laboratory tests** | *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* | pXRF data are semi-quantitative screening analyses. Comparison of pXRF with laboratory results for the same samples returned strong rank correlations for As (Spearman ρ=0.91), Sb (ρ=0.87) and Pb (ρ=0.81), with laboratory values typically 1.2–1.8x higher than pXRF. pXRF Bi returned no meaningful correlation and is not used.<br>The pXRF effective lower detection limit for Sb (~50–100 ppm) censors low-level Sb; 92 of 167 pXRF Sb analyses were below detection.<br><br>Soil samples were submitted to Intertek Laboratories in Adelaide for preparation and then to Perth for analysis. All multielement samples were assayed using a four-acid digest which provides a near total dissolution of minerals. All samples were analysed for 48 elements and an additional 12 REEs by the 4A/MS method. Over limit samples were resubmitted for 4AHBr/OE and 4AHBr/MS to obtain accurate results of high-grade samples. All samples were also submitted for gold analysis using the FA50N/MS method which is considered a total digestion method. |
| | *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.* | No geophysical information is being reported as part of this release. |
| | *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.* | Given the early-stage exploration nature of the sampling, iTech is relying on laboratory standards and blanks for quality control given the small batch size of the sample submission. |
| **Verification of sampling and assaying** | *The verification of significant intersections by either independent or alternative company personnel.* | pXRF results were verified against independent laboratory analyses for all 182 samples, as reported in this announcement.<br>Data were compiled and validated by Company personnel; no adjustments have been made to laboratory assay data. |
| | *The use of twinned holes.* | No drilling is being reported in this release |
| | *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* | Primary data was collected using Excel software running on a Dell ruggedised field tablet and laptop. Data was imported into iTech Minerals proprietary database system which contains industry standard data verification and storage protocols. |
| | *Discuss any adjustment to assay data.* | No adjustments were made to assay data other than converting ppm to % where results justified the conversion. |
| **Location of data points** | *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.* | iTech Minerals used a Garmin GPSMap 65s and a Dell ruggedised laptop and/or tablet and using Excel software to collect sample and location information in the field. The Garmin device is estimated to have an accuracy of +/- 5m. |
| | *Specification of the grid system used.* | The grid system used is MGA GDA94, Zone 53. |
| | *Quality and adequacy of topographic control.* | RL has been collected using the Garmin GPSMap 65s and is estimated to have an accuracy of +/- 3m. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| **Data spacing and distribution** | *Data spacing for reporting of Exploration Results.* | Sampling was completed as a trial/orientation program with close-spaced samples (nominally 2–5 m) on lines across known mineralisation, and wider-spaced reconnaissance samples along strike.<br>Data spacing is appropriate for an orientation study and first-pass anomaly definition; it is not intended to support resource estimation. |
| | *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.* | Historically reported drilling has not been used to prepare Mineral Resource Estimates. |
| | *Whether sample compositing has been applied.* | No drilling is being reported in this release |
| **Orientation of data in relation to geological structure** | *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* | Sample lines were oriented approximately perpendicular to the interpreted strike of the mineralised structures.<br>No orientation-based sampling bias has been identified. |
| | *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.* | No drilling is being reported in this release |
| **Sample security** | *The measures taken to ensure sample security.* | Samples were collected by iTech Mineral geologists and stored in a locked storage facility at nearby accommodation at Ti Tree. Samples were then transported to Northline Transport in Alice Springs and submitted into their delivery system to be delivered to Intertek Laboratories sample preparation facility in Adelaide. |
| **Audits or reviews** | *The results of any audits or reviews of sampling techniques and data.* | No audits or reviews have been undertaken by iTech Minerals. |

## SECTION 2: REPORTING OF EXPLORATION RESULTS

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| **Mineral tenement and land tenure status** | *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.* | The Reynolds Range project consists of four granted Exploration Licences (EL23655, EL23888, EL28083 and EL33881), 100% owned by iTech Energy Pty, Ltd, a wholly owned subsidiary of iTech Minerals Ltd (Figure 1). The project covers a total of 791km$^2$ of the Aileron Province, part of the Paleoproterozoic North Australian Craton. The Project is located 90-230km NNW of Alice Springs with access available from the Stuart Highway and then the un-sealed Mt Denison road. The project area is part of the >42km long Stafford Gold Trend with 50 kilometres of strike coincident with the Trans-Tanami regional structure.<br><br>The tenements are subject to the 'Reynolds Range Indigenous Land Use Agreement (ILUA)' between iTech Minerals and the Traditional Owners via Central Land Council (CLC).<br><br>iTech has entered into a Jont Venture and Mineral Rights Agreement ("Agreement") with Sociedad Química y Minera de Chile through its subsidiary SQM Australia (Pty) Ltd, part of the SQM international lithium division ("SQM"), to partner with the Company in developing the Reynolds Range Lithium Project in the Northern Territory. |
| | *The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.* | The tenements are in good standing with the NT DITT and no known impediments exist. |
| **Exploration done by other parties** | *Acknowledgment and appraisal of exploration by other parties.* | The Reynolds Range Project has had a considerable amount of shallow RAB and vacuum drilling completed by previous explorers, which has defined large, low-level gold anomalies (+5ppb Au). Around 3300 holes have been drilled and the average hole depth is 9.8m. The fresh rock beneath the depleted surface cover is largely untested, with just 5 diamond holes completed to a maximum depth of 156m in the entire project area. Prodigy Gold's assessment of the previous work highlighted the Stafford Gold Zone with a strike length of over 20km and 10 individual prospects with target area in excess of 80km$^2$. Sabre and Falchion were targeted by Prodigy Gold for follow-up and drilling by Prodigy Gold at Sabre intersected 35m @ 2.02g/t Au including 17m @ 3.93g/t Au[3]. Further reconnaissance work at Stafford Gold Zone also revealed high grade copper and silver rock chip samples from the Reward Deposit (~9km SE of Sabre) with 20.3% Cu and 271g/t Ag near a down-dip EM conductor identified by an airborne electromagnetic survey in 2012. A rock sample grading 1.79g/t Au was also returned from the Pine Hill Prospect (~3.5km SE of Reward). At the Scimitar Target 305 post and vacuum holes have been drilled previously on a 500x50m grid. The maximum depth drilled is 15m and average depth is 5m.<br>1991-1992 Poseidon Gold obtained 2 rock chip samples from the Lander Cu prospect. These were from a pelitic unit and a quartz/chlorite breccia with malachite (Price, 1992).<br>1992-1993 regional lag sampling at 250m intervals by Poseidon Gold defined an area 3km x 2km with anomalous base metals (>80ppm As, >100ppm Pb) and a number of isolated elevated gold values over the Scimitar prospect. 2 rock chip samples and 44 LAG samples were obtained over Scimitar from a 21 rock chip and 1,211 LAG sample program. Maximum values were over Scimitar were 830ppm Zn, 350ppm Pb, and 75ppm Cu. (Price & Price, 1993).<br>1993-1994 Normandy Exploration and Normandy Poseidon group completed 61 3.6m vertical RAB holes over Scimitar targeting Sb and Au anomalies from a larger 195 hole program totalling 705m. Hole ID's were RRAB110-RRAB304. Maximum assays returned were 420ppm Cu, 250ppm Zn and 90ppm Pb. Rocks identified included mudstone and siltstone (some carbonaceous) and immature sandstones and greywackes, basalt-dolerite, and common chlorite alteration and moderate quartz veining. (Price, 1994). |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | 1994-1995 Poseidon Gold drilled 100 POST RAB holes averaging 3.6m at 50m to 100m spacing into Scimitar from a larger 397-hole program totalling 1,772m (RRAB532-RRAB928). 1994-1995 report (A.T. Price, 1995).<br>1995-1996 Poseidon Gold drilled 175 VAC holes (RAV0001-RAV0175) over the Scimitar prospect from a larger program of 602 holes for 2,976m. The Scimitar VAC holes were drilled at 50m x 500m spacing and intercepted sericite altered sediments and gossanous brecciated quartz veins. The drilling confirmed a strong As, Pb and Zn anomaly with a weaker 1-16ppb Au anomaly. A further 37 VAC holes (RCV0565-RCV0605) were drilled to the southwest of Scimitar (Price, 1996).<br>1996-1997 Normandy Gold took 49 composite lag samples (sample 339551-339599) of -6 to +1 fraction over Scimitar at 100m x 500m spacing over 3 traverses. (Warren & Worland, 1997).<br>1998-1999 Exodus Minerals collected 5 rock chips and 5 soils samples at Scimitar. Samples 5761RR, 5762RR and 5763RR returned anomalous Au (62ppb, 38ppb, and 17ppb); As (24,000ppm, 4,000ppm, and 4,700ppm); Pb (360ppm, 580ppm, and 90ppm); and Sb (180ppm, 96ppm, and 102ppm). (Greenaway, 1998 & Greenaway, 1999). Note that a further 11 rock chips have been attributed to Cowden, 2001; but do not actually appear in the Cowden, 2001 report. Sample 336053 returned 37ppm Bi, 580ppm Cu, 19ppm Mo and 260ppm Pb.<br>2012 – 2013 Prodigy Gold flew a Tempest airborne EM survey over the Reynolds Range area in June and July 2012. This identified a prominent 2km x 1km conductor at Scimitar. A diamond hole was completed in Q4 2020. A DHEM survey has been recently completed. |
| **Geology** | *Deposit type, geological setting and style of mineralisation.* | The project covers Paleoproterozoic metasediments and intrusives in the central Aileron Province of the Arunta region. The surface geology has been mapped and described by the Northern Territory Geological Survey (NTGS) in the 1:250,000 scale Napperby (SF53-09) sheet and in more detail by the Bureau of Mineral Resources on the special edition Reynolds Range Region 1:100,000 scale geological map.<br>On a regional scale the area comprises polydeformed Paleoproterozoic Lander Group metasediments intruded by numerous felsic and mafic intrusive phases and overlain by slightly younger siliciclastic metasediments, including the Reynolds Range Group. The area is covered by complex regolith, with scree shedding from substantial hills cut by large drainage systems. The Company is exploring for orogenic lode gold style mineralisation. |
| **Drill hole Information** | *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:*<br>• *easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*<br>• *dip and azimuth of the hole*<br>• *down hole length and interception depth hole length.* | A summary of all soil sample information and analyses is included in appendix 1 of this report. |
| | *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* | No information material to the announcement has been excluded. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| **Data aggregation methods** | *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* | No drilling is being reported in this release |
| | *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.* | No drilling is being reported in this release |
| | *The assumptions used for any reporting of metal equivalent values should be clearly stated.* | No metal equivalents are being reported. No metallurgical recovery test work has been completed. |
| **Relationship between mineralisation widths and intercept lengths** | *These relationships are particularly important in the reporting of Exploration Results.*<br>*If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.*<br>*If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').* | No drilling is being reported in this release |
| **Diagrams** | *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.* | Refer to figures and tables in the body of the text. |
| **Balanced reporting** | *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.* | All 182 sample results have been considered in the statistical analysis. Summary statistics, anomaly counts and detection-limit censoring are disclosed in the body of this announcement. Peak values are reported in the context of the full dataset (e.g. 48 of 182 samples >0.1 g/t Au). |
| **Other substantive exploration data** | *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.* | Information relevant to the results have been provided. |
| **Further work** | *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).*<br>*Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive* | Further work may be required to generate drill targets. This may include further rock chip and/or soil sampling and mapping, geophysical surveys, government drilling approvals and heritage clearances. |